Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051223AL\
Data File : FE041881.D
Signal(s) : FID1B.ch
Acq On : 12 May 2023 14:28
Operator : YP\AJ
Sample : PB152755BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB152755BS

Integration File: sample.E
Quant Time: May 12 19:52:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 07:33:51 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

	Compound	R.T.	Response	Conc Units
	System Monitoring Compounds			
9) S	ortho-Terphenyl (SURR)	11.968	7896161	42.089 ug/ml
Spiked Amount	50.000		Recovery =	84.18%
12) S	1-chlorooctadecane (S...	13.403	6238940	44.163 ug/ml
Spiked Amount	50.000		Recovery =	88.33%
	Target Compounds			
1) T	n-Nonane (C9)	3.358	7033889	47.851 ug/ml
2) T	n-Decane (C10)	4.605	7264603	48.437 ug/ml
3) T	A~Naphthalene (C11.7)	6.306	8210148	49.611 ug/ml
4) T	n-Dodecane (C12)	6.769	7575246	49.823 ug/ml
5) T	A~2-methylnaphthalene...	7.402	7873105	48.826 ug/ml
6) T	n-Tetradecane (C14)	8.599	7606679	50.076 ug/ml
7) T	n-Hexadecane (C16)	10.206	7843049	49.147 ug/ml
8) T	n-Octadecane (C18)	11.650	7982295	48.699 ug/ml
10) T	n-Eicosane (C20)	12.960	7873393	48.950 ug/ml
11) T	n-Heneicosane (C21)	13.571	7684132	48.215 ug/ml
13) T	n-Docosane (C22)	14.158	7583476	47.596 ug/ml
14) T	n-Tetracosane (C24)	15.248	14297204	88.681 ug/ml
15) T	n-Hexacosane (C26)	16.283	7227753	45.717 ug/ml
16) T	n-Octacosane (C28)	17.231	7004884	45.524 ug/ml
17) T	n-Tricontane (C30)	18.120	6822152	44.793 ug/ml
18) T	n-Dotriacontane (C32)	18.951	6573519	44.124 ug/ml
19) T	n-Tetratriacontane (C34)	19.735	6454785	45.819 ug/ml
20) T	n-Hexatriacontane (C36)	20.474	6146331	45.961 ug/ml
21) T	n-Octatriacontane (C38)	21.225	6177799	46.754 ug/ml
22) T	n-Tetracontane (C40)	22.162	6210383	49.051 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051223AL\
Data File : FE041881.D
Signal(s) : FID1B.ch
Acq On : 12 May 2023 14:28
Operator : YP\AJ
Sample : PB152755BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
PB152755BS

Integration File: sample.E
Quant Time: May 12 19:52:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
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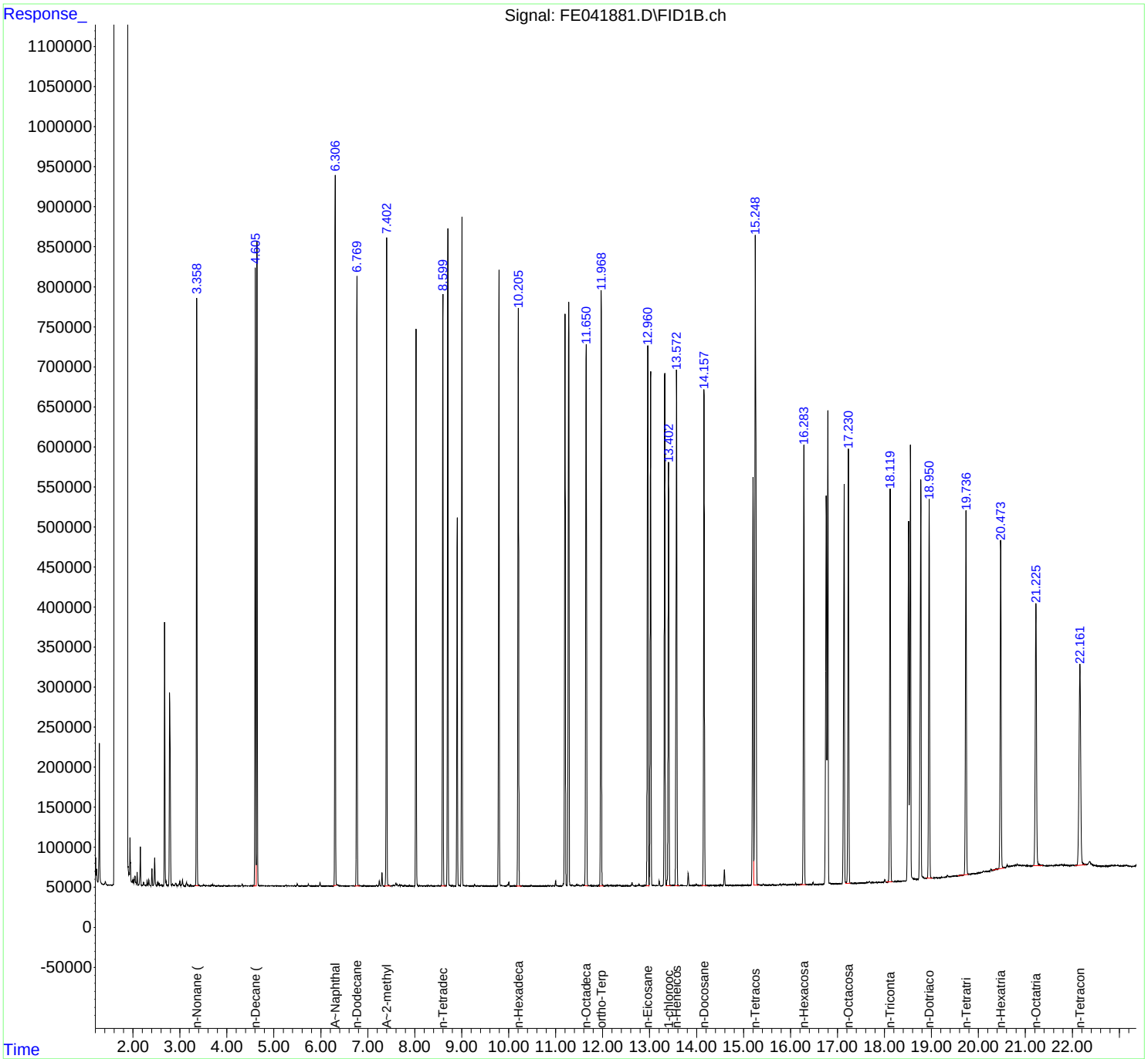
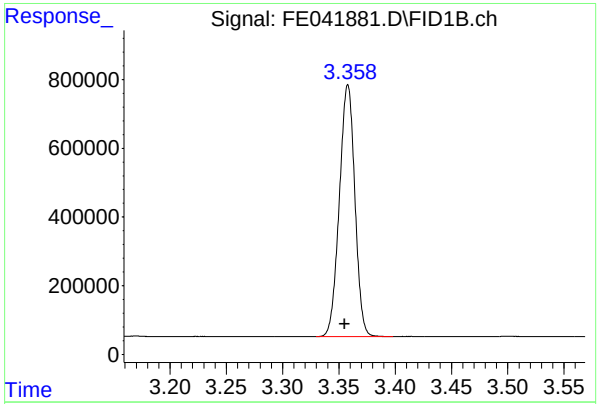
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

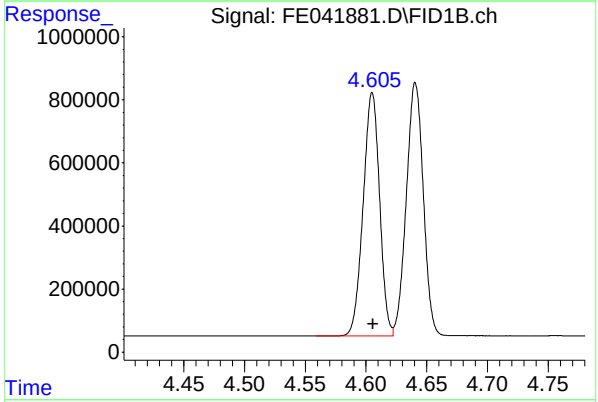




#1 n-Nonane (C9)

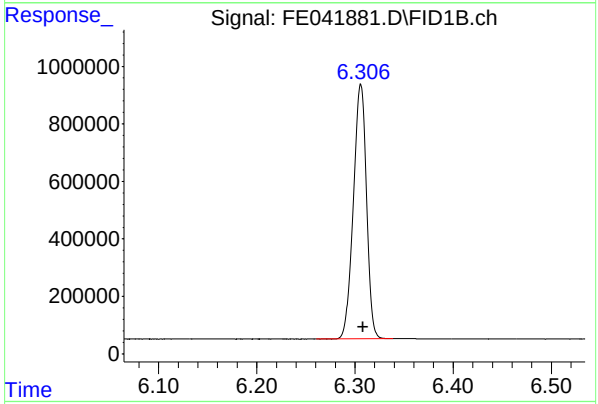
R.T.: 3.358 min
Delta R.T.: 0.003 min
Response: 7033889
Conc: 47.85 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152755BS



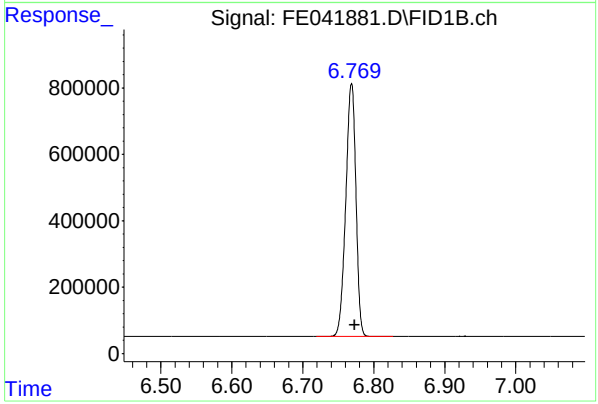
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 7264603
Conc: 48.44 ug/ml



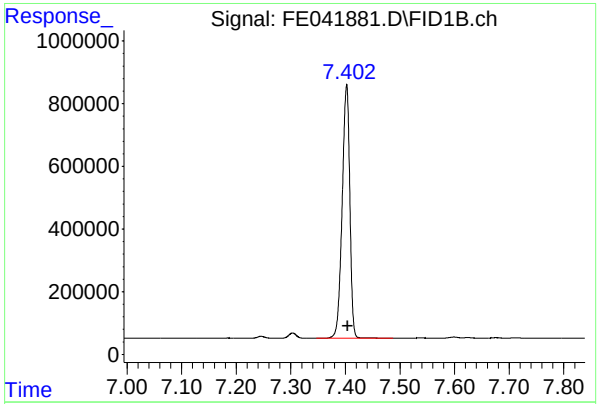
#3 A~Naphthalene (C11.7)

R.T.: 6.306 min
Delta R.T.: -0.002 min
Response: 8210148
Conc: 49.61 ug/ml



#4 n-Dodecane (C12)

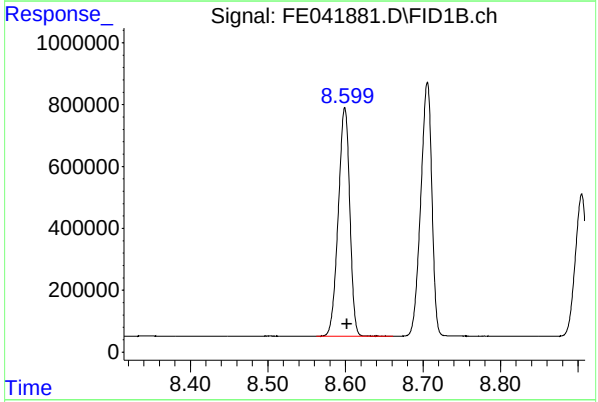
R.T.: 6.769 min
Delta R.T.: -0.005 min
Response: 7575246
Conc: 49.82 ug/ml



#5 A~2-methylnaphthalene (C12.89)

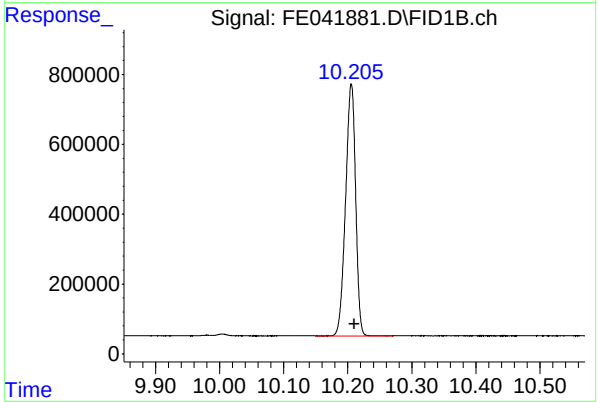
R.T.: 7.402 min
Delta R.T.: -0.002 min
Response: 7873105
Conc: 48.83 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152755BS



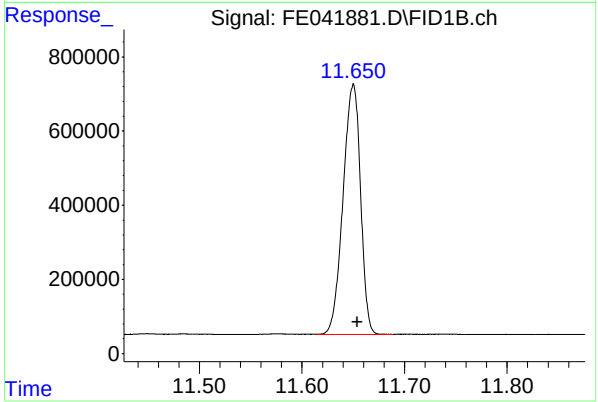
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 7606679
Conc: 50.08 ug/ml



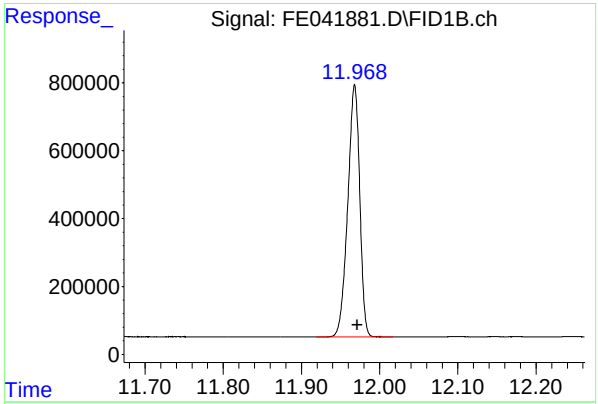
#7 n-Hexadecane (C16)

R.T.: 10.206 min
Delta R.T.: -0.004 min
Response: 7843049
Conc: 49.15 ug/ml



#8 n-Octadecane (C18)

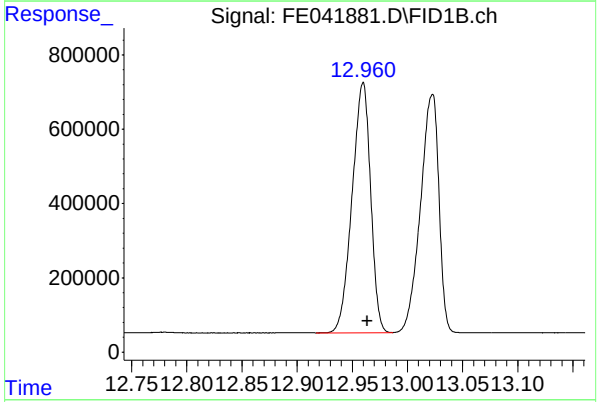
R.T.: 11.650 min
Delta R.T.: -0.004 min
Response: 7982295
Conc: 48.70 ug/ml



#9 ortho-Terphenyl (SURR)

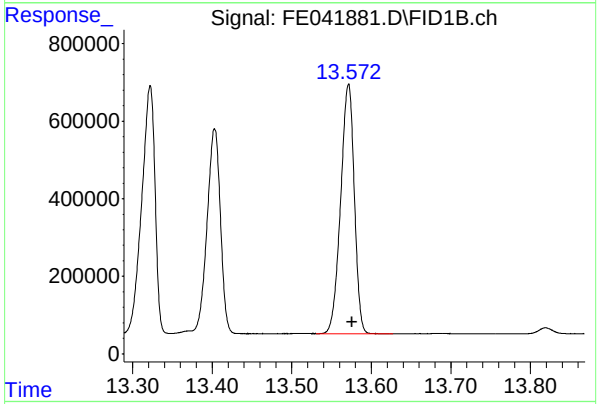
R.T.: 11.968 min
Delta R.T.: -0.004 min
Response: 7896161
Conc: 42.09 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152755BS



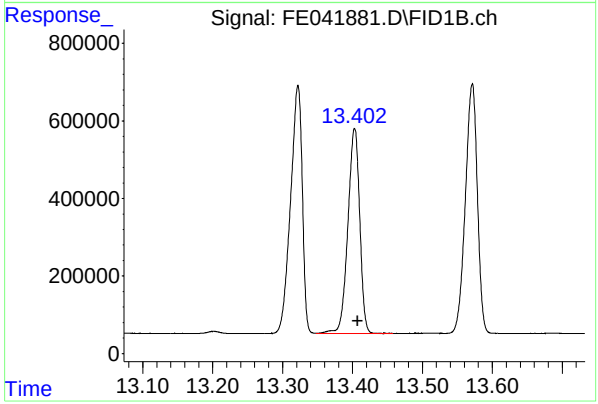
#10 n-Eicosane (C20)

R.T.: 12.960 min
Delta R.T.: -0.004 min
Response: 7873393
Conc: 48.95 ug/ml



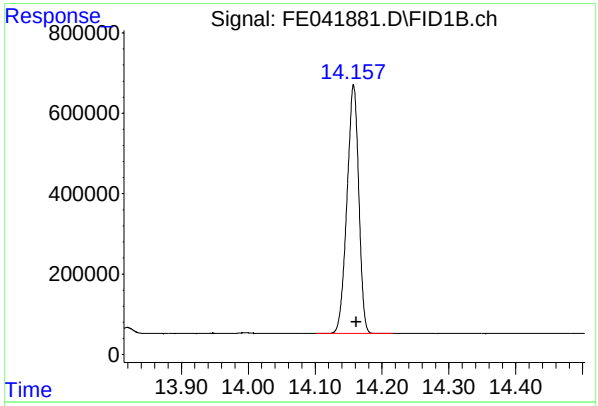
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: -0.004 min
Response: 7684132
Conc: 48.22 ug/ml



#12 1-chlorooctadecane (SURR)

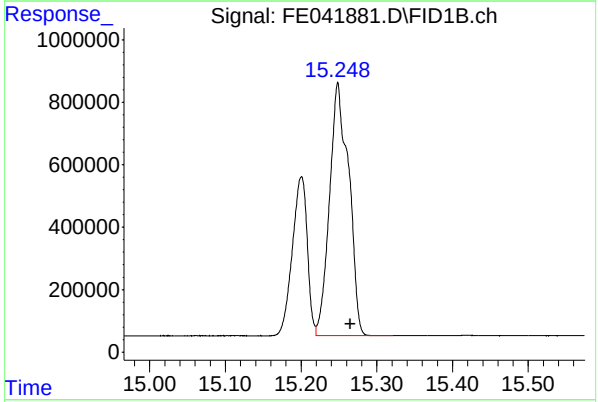
R.T.: 13.403 min
Delta R.T.: -0.004 min
Response: 6238940
Conc: 44.16 ug/ml



#13 n-Docosane (C22)

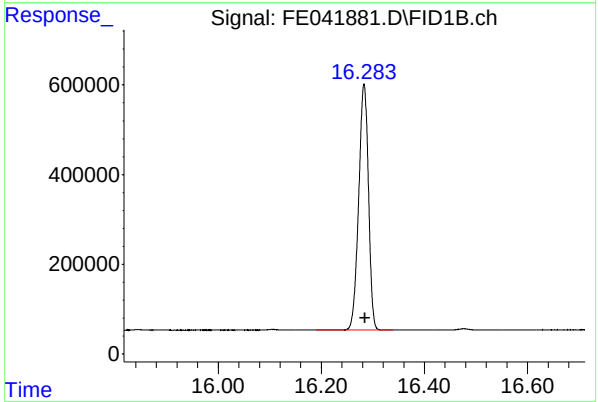
R.T.: 14.158 min
Delta R.T.: -0.004 min
Response: 7583476
Conc: 47.60 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152755BS



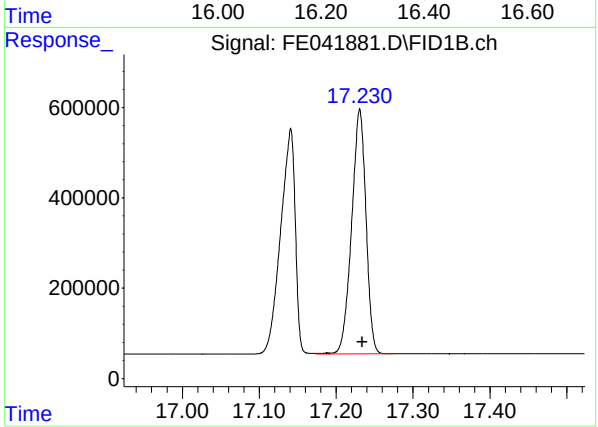
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.016 min
Response: 14297204
Conc: 88.68 ug/ml



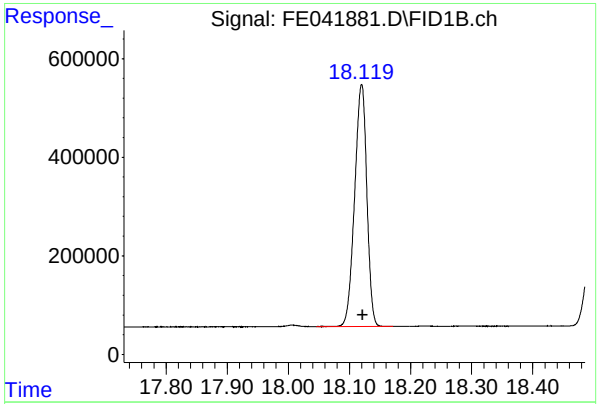
#15 n-Hexacosane (C26)

R.T.: 16.283 min
Delta R.T.: -0.002 min
Response: 7227753
Conc: 45.72 ug/ml



#16 n-Octacosane (C28)

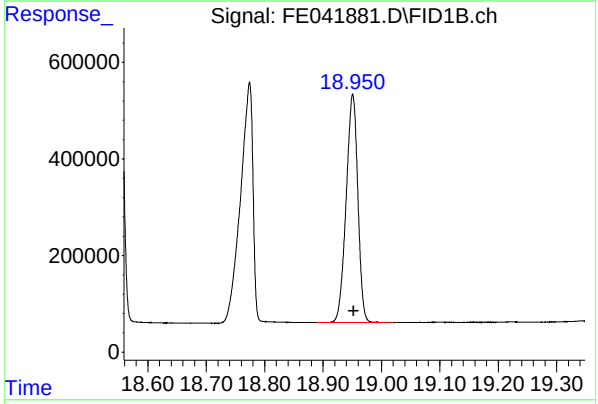
R.T.: 17.231 min
Delta R.T.: -0.003 min
Response: 7004884
Conc: 45.52 ug/ml



#17 n-Tricontane (C30)

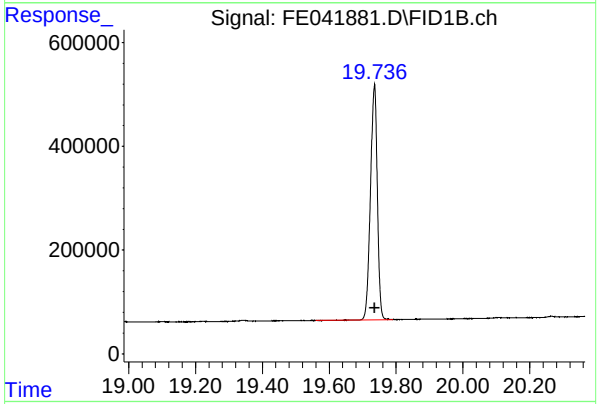
R.T.: 18.120 min
Delta R.T.: -0.001 min
Response: 6822152
Conc: 44.79 ug/ml

Instrument :
FID_E
ClientSampleId :
PB152755BS



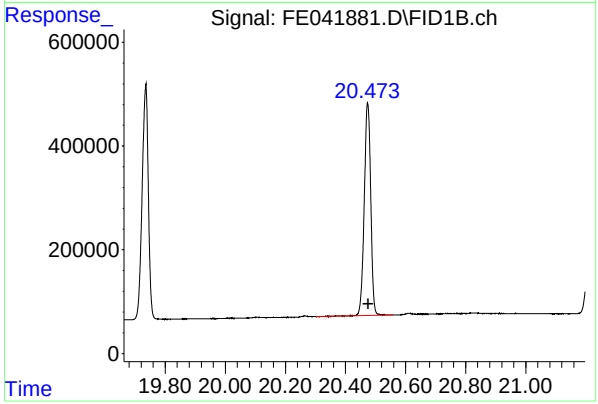
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: -0.001 min
Response: 6573519
Conc: 44.12 ug/ml



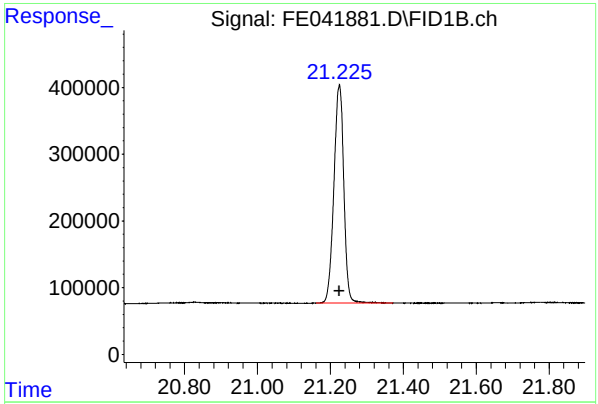
#19 n-Tetratriacontane (C34)

R.T.: 19.735 min
Delta R.T.: 0.000 min
Response: 6454785
Conc: 45.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: -0.002 min
Response: 6146331
Conc: 45.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.225 min
Delta R.T.: 0.000 mi
Response: 6177799
Conc: 46.75 ug/m

Instrument :
FID_E
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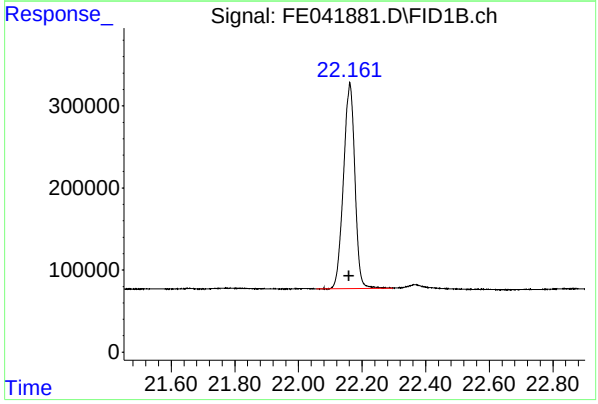
PB152755BS



#22 n-Tetracontane (C40)

R.T.: 22.162 min
Delta R.T.: 0.003 min
Response: 6210383
Conc: 49.05 ug/ml