Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061623AL\
Data File : FE042670.D
Signal(s) : FID1B.ch
Acq On : 16 Jun 2023 20:46
Operator : YP\AJ
Sample : 03262-04MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :

Integration File: autoint1.e
Quant Time: Jun 17 01:08:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
Quant Title : GC Extractables
QLast Update : Thu May 18 06:27:12 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)	11.937	7863001	44.530 ug/ml
Spiked Amount	50.000		Recovery =	89.06%
12) S	1-chlorooctadecane (S...	13.372	6156274	46.330 ug/ml
Spiked Amount	50.000		Recovery =	92.66%
	Target Compounds			
1) T	n-Nonane (C9)	3.323	7149629	49.582 ug/ml
2) T	n-Decane (C10)	4.609	8503271	57.440 ug/ml
3) T	A~Naphthalene (C11.7)	6.276	9443152	57.877 ug/ml
4) T	n-Dodecane (C12)	6.738	9027044	60.199 ug/ml
5) T	A~2-methylnaphthalene...	7.374	9359071	58.972 ug/ml
6) T	n-Tetradecane (C14)	8.569	9427536	62.931 ug/ml
7) T	n-Hexadecane (C16)	10.176	10496773	67.386 ug/ml
8) T	n-Octadecane (C18)	11.620	11131315	70.392 ug/ml
10) T	n-Eicosane (C20)	12.931	11519583	75.995 ug/ml
11) T	n-Heneicosane (C21)	13.543	11186219	75.504 ug/ml
13) T	n-Docosane (C22)	14.128	11215062	76.502 ug/ml
14) T	n-Tetracosane (C24)	15.228	22057835	152.801 ug/ml
15) T	n-Hexacosane (C26)	16.255	11129829	80.361 ug/ml
16) T	n-Octacosane (C28)	17.204	10789843	80.591 ug/ml
17) T	n-Tricontane (C30)	18.094	10559000	78.220 ug/ml
18) T	n-Dotriacontane (C32)	18.923	9934271	74.363 ug/ml
19) T	n-Tetratriacontane (C34)	19.708	9533306	72.491 ug/ml
20) T	n-Hexatriacontane (C36)	20.447	8636741	66.450 ug/ml
21) T	n-Octatriacontane (C38)	21.190	8416497	62.035 ug/ml
22) T	n-Tetracontane (C40)	22.116	8257444	59.355 ug/ml

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

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Acq On : 16 Jun 2023 20:46
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Volume Inj. : 1 ul
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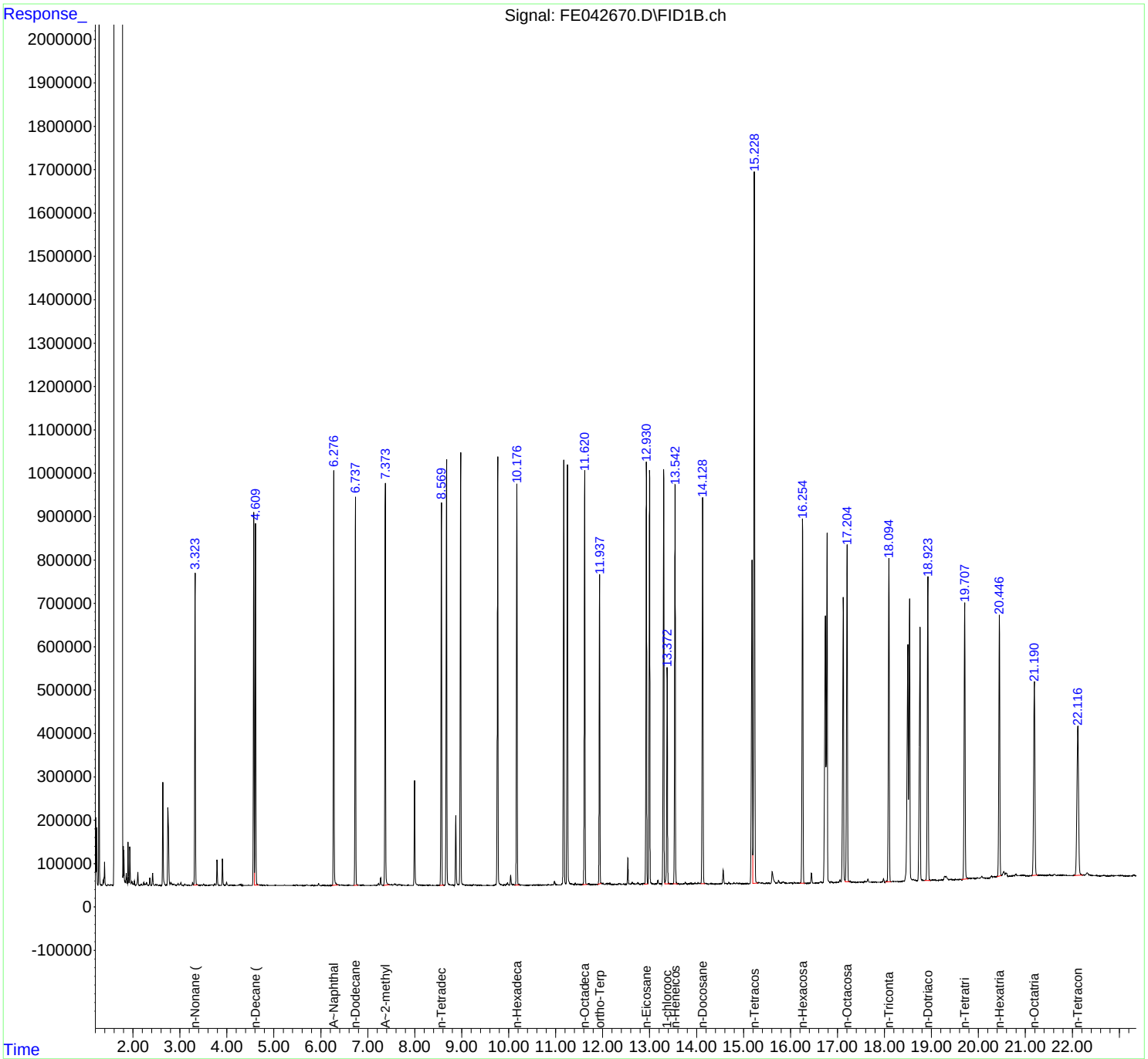
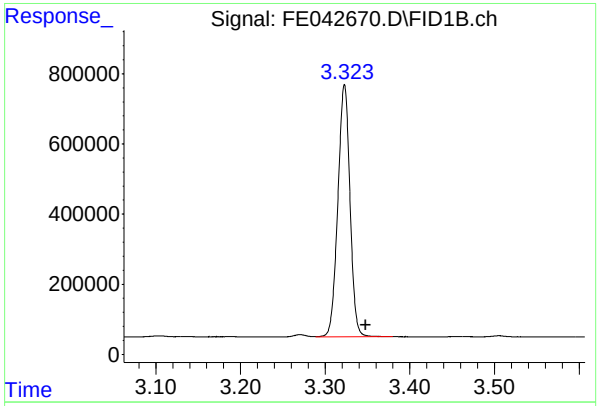
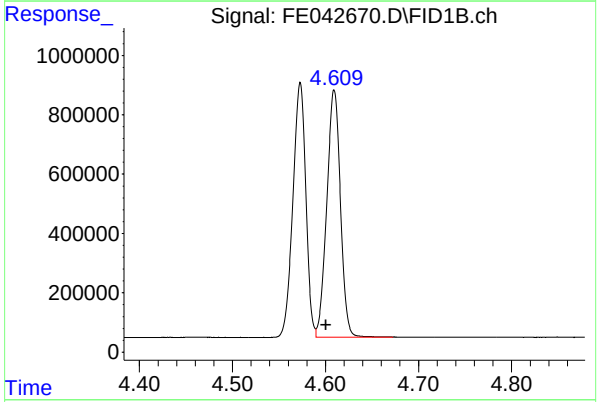




#1 n-Nonane (C9)

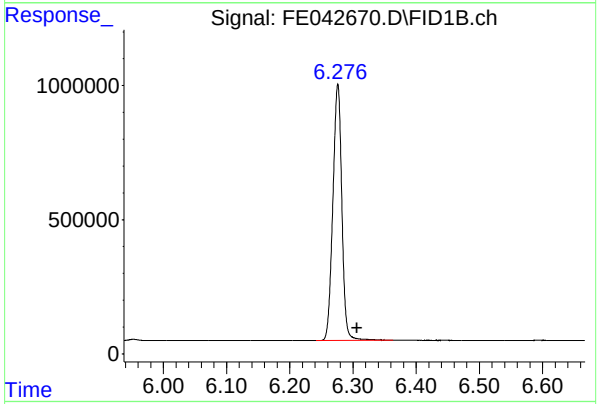
R.T.: 3.323 min
Delta R.T.: -0.025 min
Response: 7149629
Conc: 49.58 ug/ml

Instrument :
FID_E
ClientSampleId :



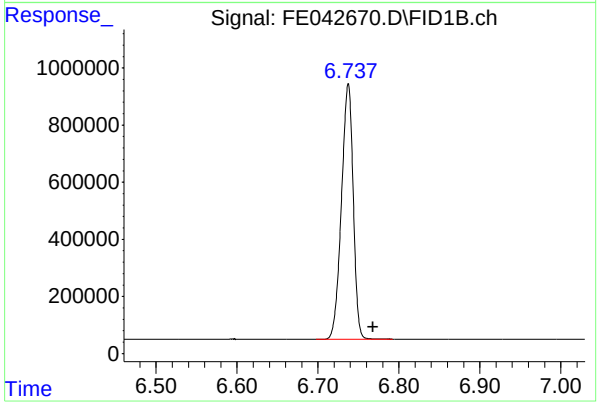
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: 0.009 min
Response: 8503271
Conc: 57.44 ug/ml



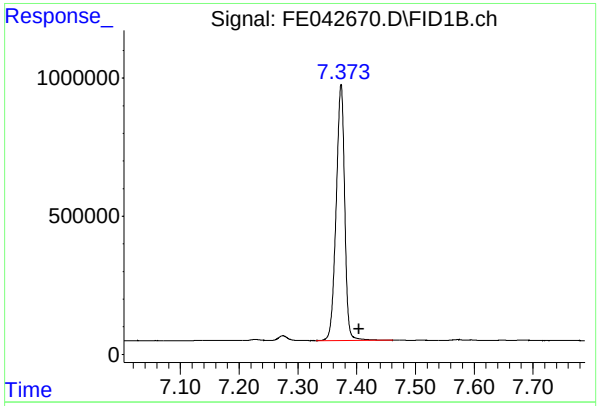
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: -0.031 min
Response: 9443152
Conc: 57.88 ug/ml



#4 n-Dodecane (C12)

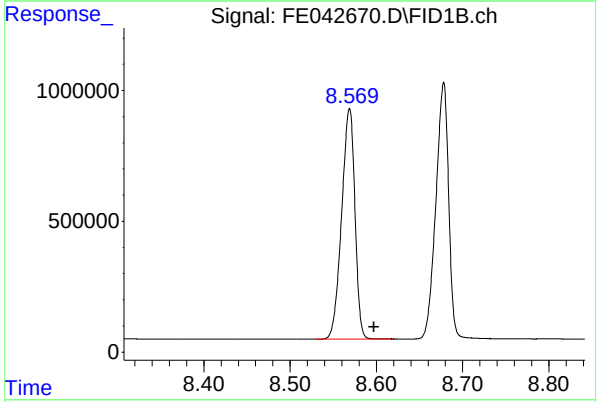
R.T.: 6.738 min
Delta R.T.: -0.031 min
Response: 9027044
Conc: 60.20 ug/ml



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

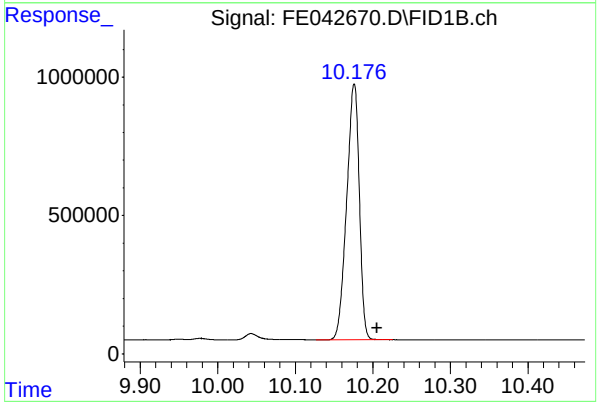
R.T.: 7.374 min
Delta R.T.: -0.030 min
Response: 9359071
Conc: 58.97 ug/ml

Instrument :
FID_E
ClientSampleId :



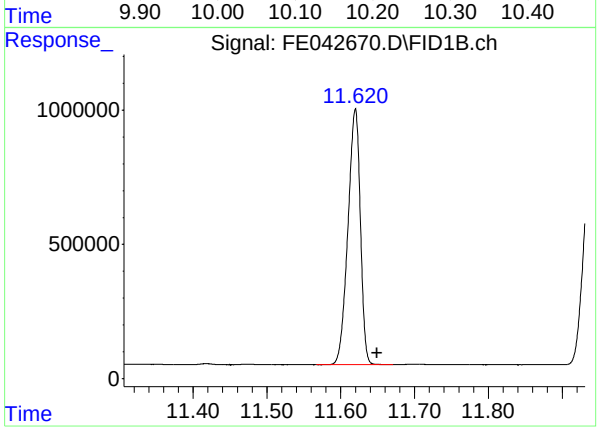
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: -0.028 min
Response: 9427536
Conc: 62.93 ug/ml



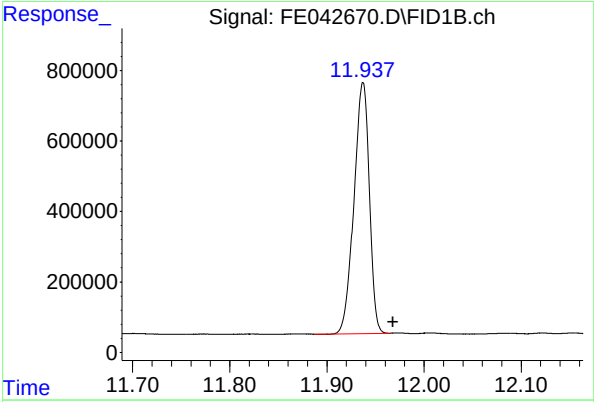
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: -0.029 min
Response: 10496773
Conc: 67.39 ug/ml



#8 n-Octadecane (C18)

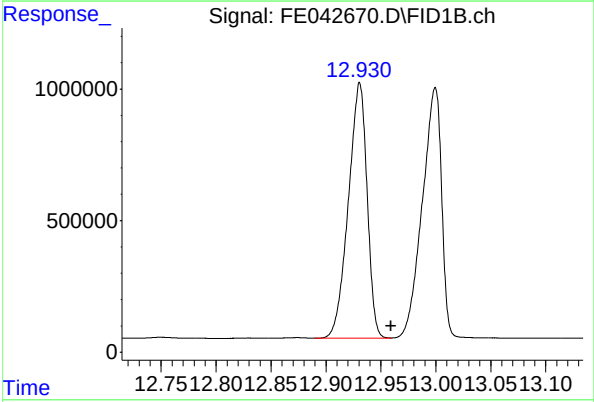
R.T.: 11.620 min
Delta R.T.: -0.029 min
Response: 11131315
Conc: 70.39 ug/ml



#9 ortho-Terphenyl (SURR)

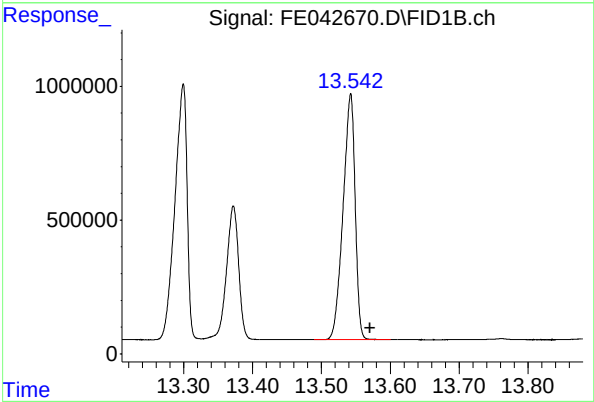
R.T.: 11.937 min
Delta R.T.: -0.031 min
Response: 7863001
Conc: 44.53 ug/ml

Instrument :
FID_E
ClientSampleId :



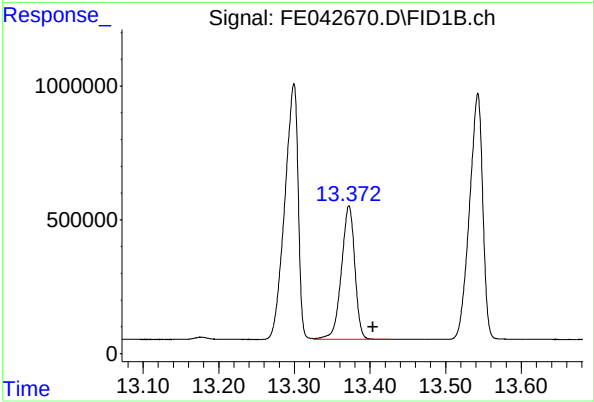
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: -0.028 min
Response: 11519583
Conc: 76.00 ug/ml



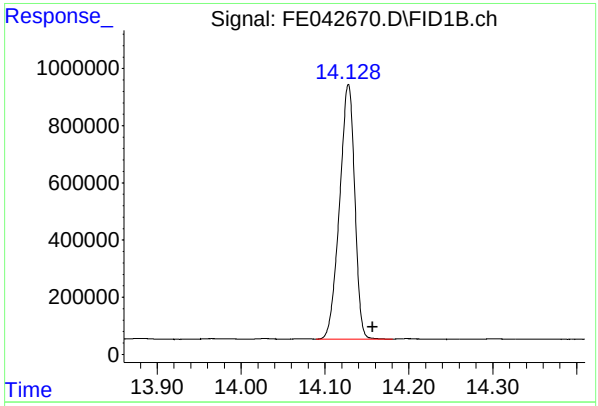
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: -0.028 min
Response: 11186219
Conc: 75.50 ug/ml



#12 1-chlorooctadecane (SURR)

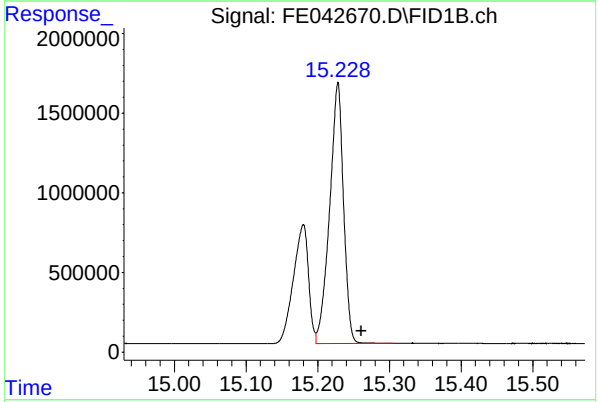
R.T.: 13.372 min
Delta R.T.: -0.032 min
Response: 6156274
Conc: 46.33 ug/ml



#13 n-Docosane (C22)

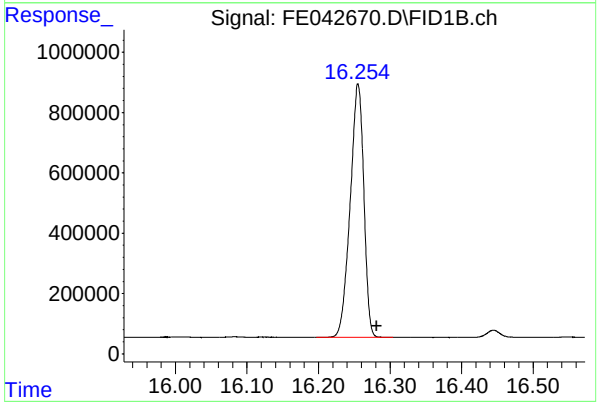
R.T.: 14.128 min
Delta R.T.: -0.029 min
Response: 11215062
Conc: 76.50 ug/ml

Instrument :
FID_E
ClientSampleId :



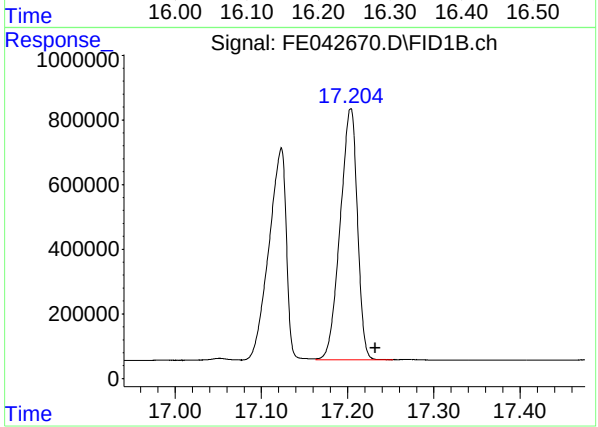
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.033 min
Response: 22057835
Conc: 152.80 ug/ml



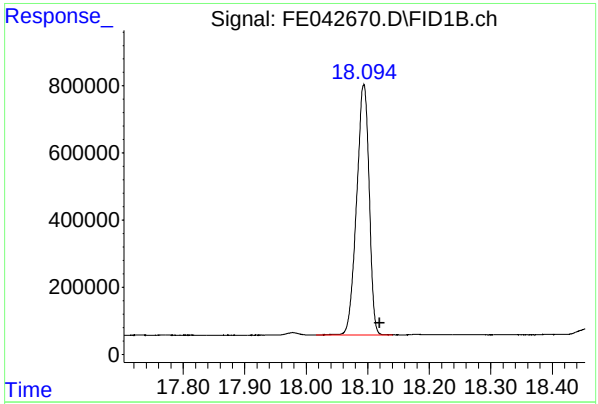
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: -0.026 min
Response: 11129829
Conc: 80.36 ug/ml



#16 n-Octacosane (C28)

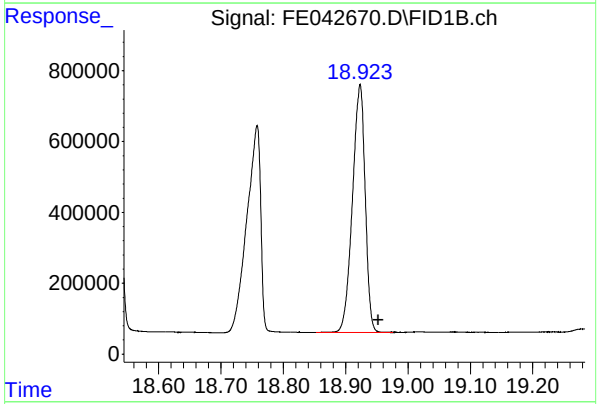
R.T.: 17.204 min
Delta R.T.: -0.029 min
Response: 10789843
Conc: 80.59 ug/ml



#17 n-Tricontane (C30)

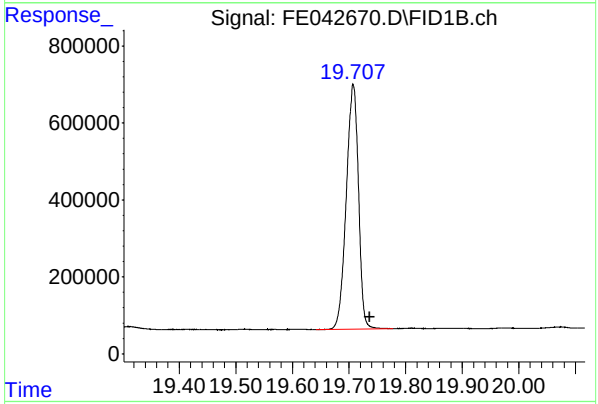
R.T.: 18.094 min
Delta R.T.: -0.026 min
Response: 10559000
Conc: 78.22 ug/ml

Instrument :
FID_E
ClientSampleId :



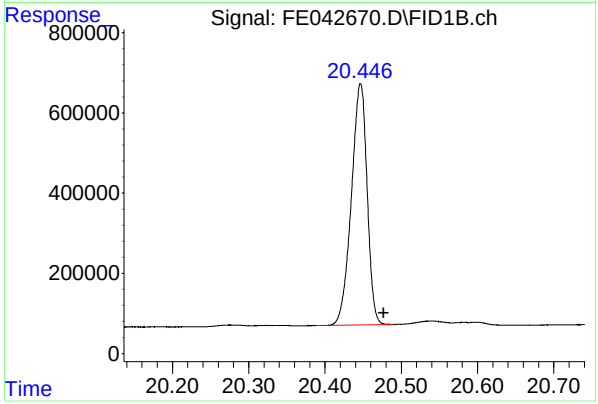
#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.029 min
Response: 9934271
Conc: 74.36 ug/ml



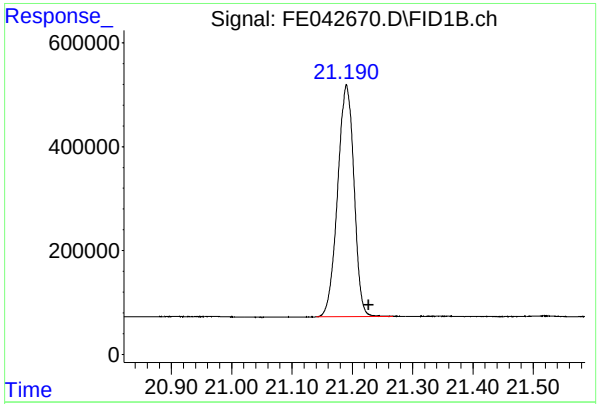
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: -0.029 min
Response: 9533306
Conc: 72.49 ug/ml



#20 n-Hexatriacontane (C36)

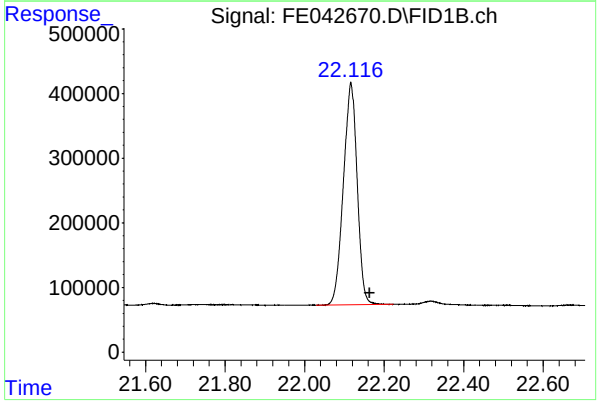
R.T.: 20.447 min
Delta R.T.: -0.030 min
Response: 8636741
Conc: 66.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: -0.037 min
Response: 8416497
Conc: 62.04 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.116 min
Delta R.T.: -0.047 min
Response: 8257444
Conc: 59.36 ug/ml