

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042423AL\
 Data File : FE041518.D
 Signal(s) : FID1B.ch
 Acq On : 24 Apr 2023 14:50
 Operator : YP\AJ
 Sample : 02423-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 25 01:36:32 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)	11.986	5018564	26.750 ug/ml
Spiked Amount 50.000		Recovery =	53.50%
12) S 1-chlorooctadecane (S...	13.423	4088955	28.944 ug/ml
Spiked Amount 50.000		Recovery =	57.89%
Target Compounds			
1) T n-Nonane (C9)	3.379	6672237	45.391 ug/ml
2) T n-Decane (C10)	4.624	6771602	45.150 ug/ml
3) T A~Naphthalene (C11.7)	6.325	7435986	44.933 ug/ml
4) T n-Dodecane (C12)	6.785	6917263	45.495 ug/ml
5) T A~2-methylnaphthalene...	7.421	7025715	43.571 ug/ml
6) T n-Tetradecane (C14)	8.614	6846669	45.072 ug/ml
7) T n-Hexadecane (C16)	10.222	6955312	43.584 ug/ml
8) T n-Octadecane (C18)	11.668	7022649	42.844 ug/ml
10) T n-Eicosane (C20)	12.979	6874928	42.743 ug/ml
11) T n-Heneicosane (C21)	13.591	6715988	42.141 ug/ml
13) T n-Docosane (C22)	14.178	6687890	41.975 ug/ml
14) T n-Tetracosane (C24)	15.274	13254543	82.214 ug/ml
15) T n-Hexacosane (C26)	16.306	6374508	40.320 ug/ml
16) T n-Octacosane (C28)	17.257	6453247	41.939 ug/ml
17) T n-Tricontane (C30)	18.146	6381777	41.902 ug/ml
18) T n-Dotriacontane (C32)	18.979	6070769	40.749 ug/ml
19) T n-Tetratriacontane (C34)	19.764	5938510	42.154 ug/ml
20) T n-Hexatriacontane (C36)	20.505	6112698	45.709 ug/ml
21) T n-Octatriacontane (C38)	21.267	5338578	40.403 ug/ml
22) T n-Tetracontane (C40)	22.141	268842	2.123 ug/ml

(f)=RT Delta > 1/2 Window

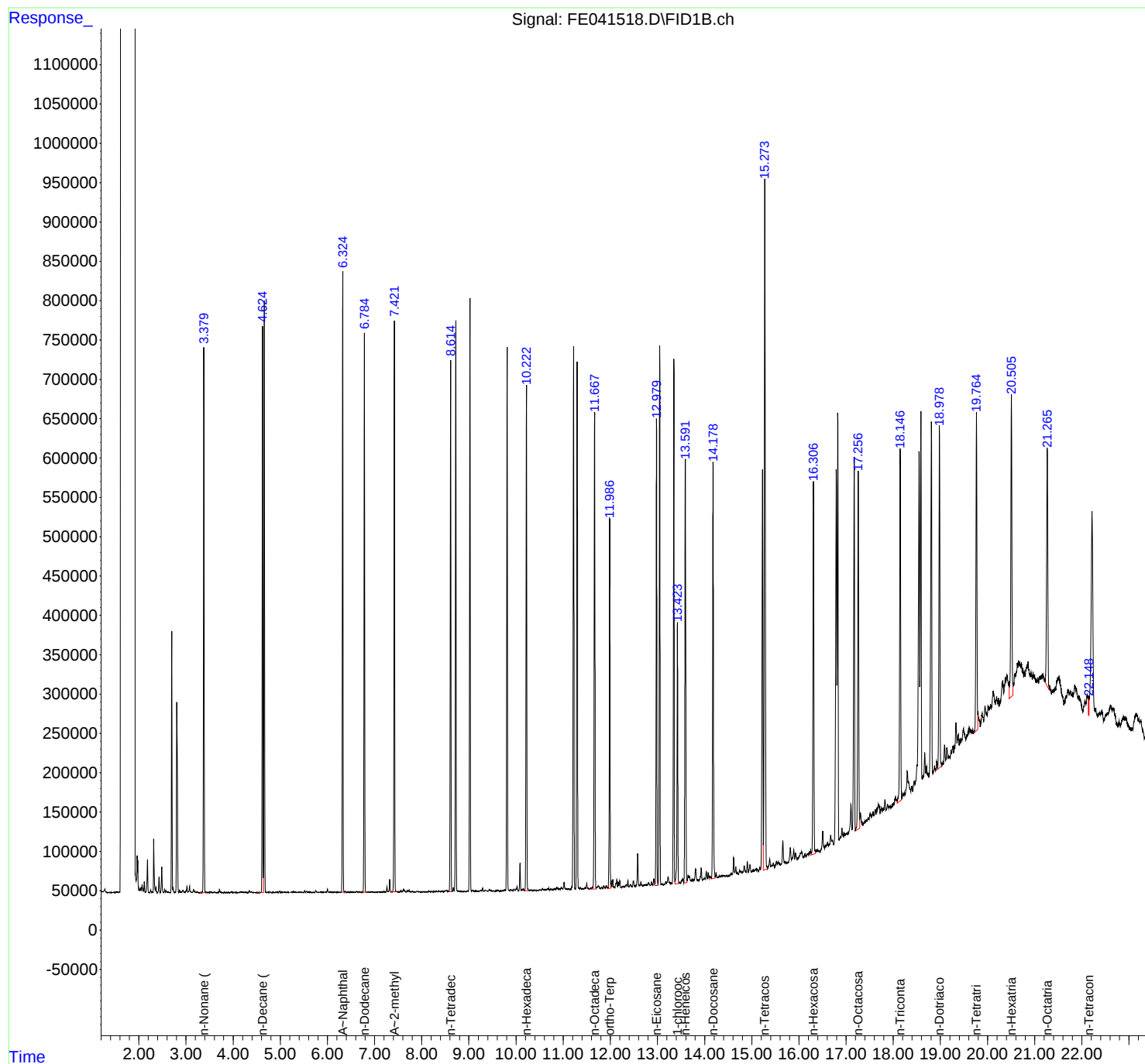
(m)=manual int.

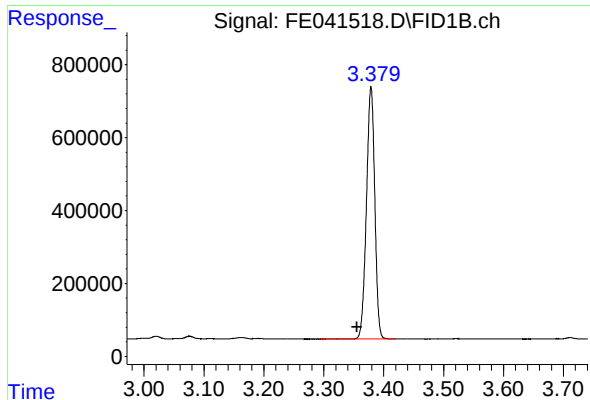
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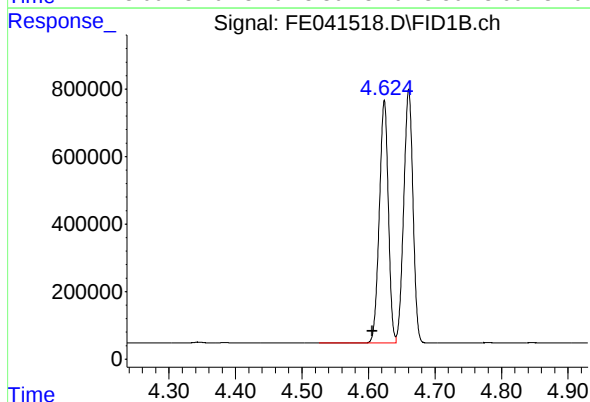




#1 n-Nonane (C9)

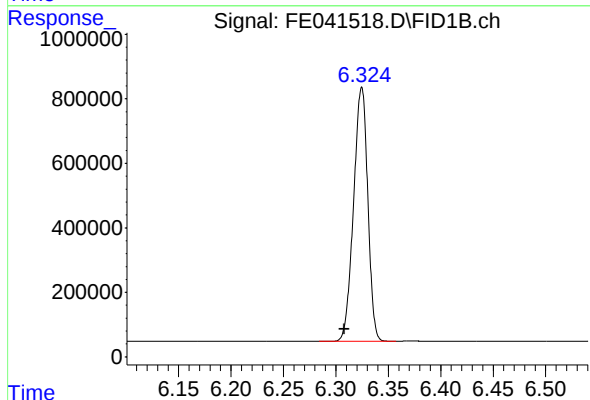
R.T.: 3.379 min
Delta R.T.: 0.024 min
Response: 6672237
Conc: 45.39 ug/ml

Instrument :
FID_E
ClientSampleId :



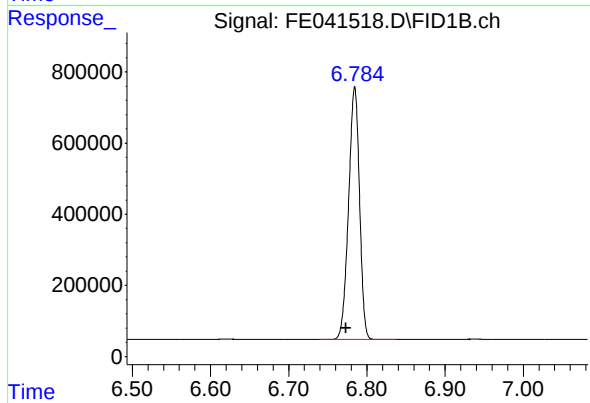
#2 n-Decane (C10)

R.T.: 4.624 min
Delta R.T.: 0.018 min
Response: 6771602
Conc: 45.15 ug/ml



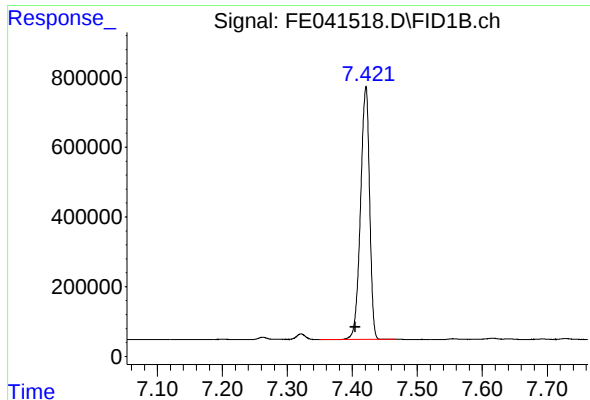
#3 A~Naphthalene (C11.7)

R.T.: 6.325 min
Delta R.T.: 0.016 min
Response: 7435986
Conc: 44.93 ug/ml



#4 n-Dodecane (C12)

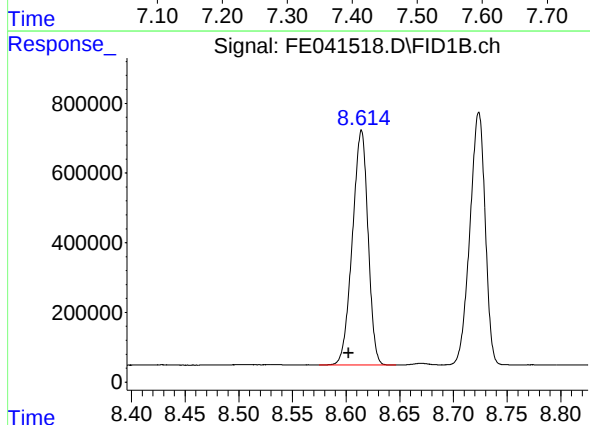
R.T.: 6.785 min
Delta R.T.: 0.011 min
Response: 6917263
Conc: 45.50 ug/ml



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

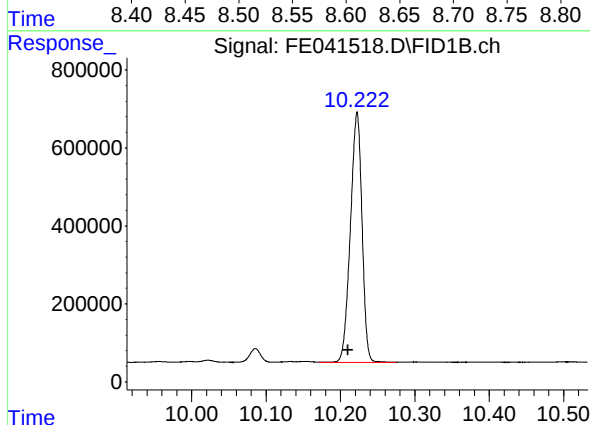
R.T.: 7.421 min
Delta R.T.: 0.017 min
Response: 7025715
Conc: 43.57 ug/ml

Instrument :
FID_E
ClientSampleId :



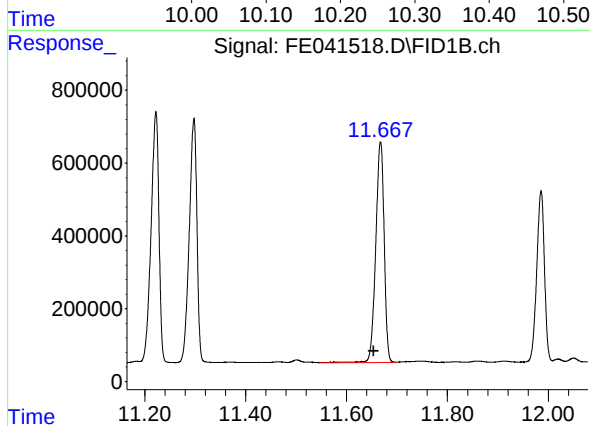
#6 n-Tetradecane (C14)

R.T.: 8.614 min
Delta R.T.: 0.012 min
Response: 6846669
Conc: 45.07 ug/ml



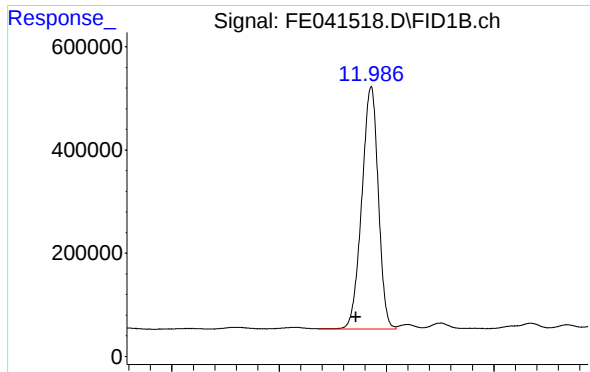
#7 n-Hexadecane (C16)

R.T.: 10.222 min
Delta R.T.: 0.013 min
Response: 6955312
Conc: 43.58 ug/ml



#8 n-Octadecane (C18)

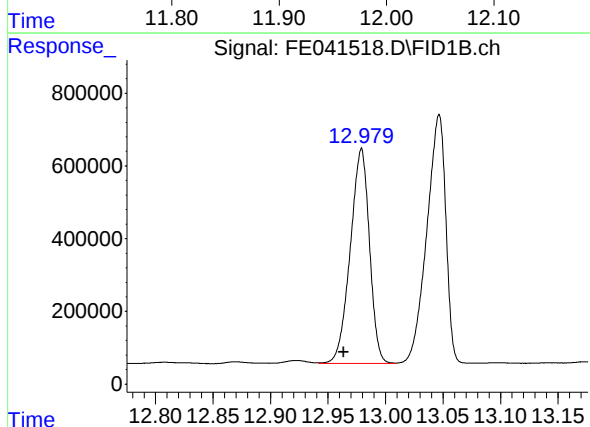
R.T.: 11.668 min
Delta R.T.: 0.014 min
Response: 7022649
Conc: 42.84 ug/ml



#9 ortho-Terphenyl (SURR)

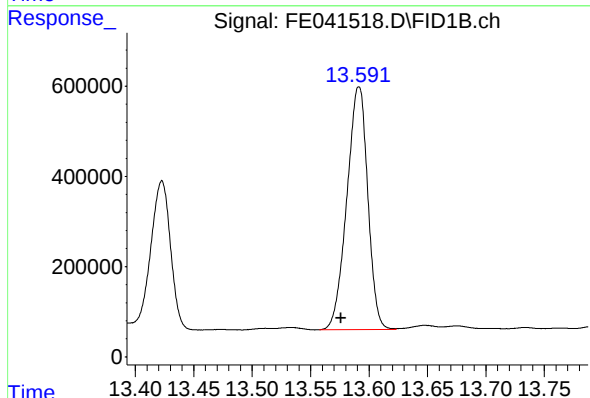
R.T.: 11.986 min
Delta R.T.: 0.014 min
Response: 5018564
Conc: 26.75 ug/ml

Instrument :
FID_E
ClientSampleId :



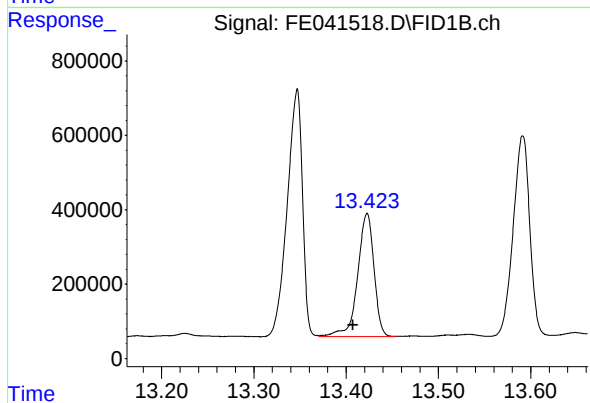
#10 n-Eicosane (C20)

R.T.: 12.979 min
Delta R.T.: 0.015 min
Response: 6874928
Conc: 42.74 ug/ml



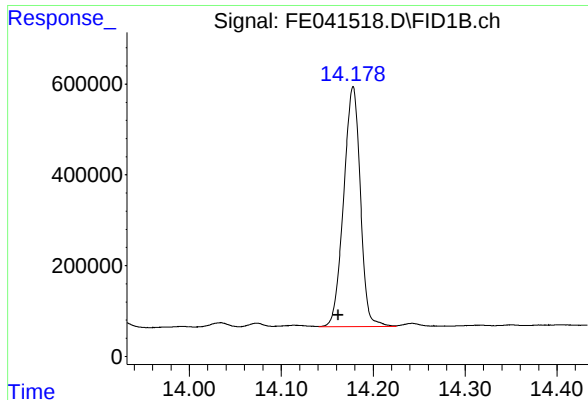
#11 n-Heneicosane (C21)

R.T.: 13.591 min
Delta R.T.: 0.016 min
Response: 6715988
Conc: 42.14 ug/ml



#12 1-chlorooctadecane (SURR)

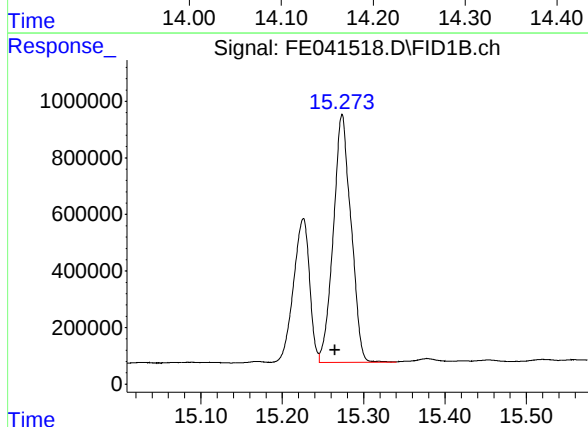
R.T.: 13.423 min
Delta R.T.: 0.015 min
Response: 4088955
Conc: 28.94 ug/ml



#13 n-Docosane (C22)

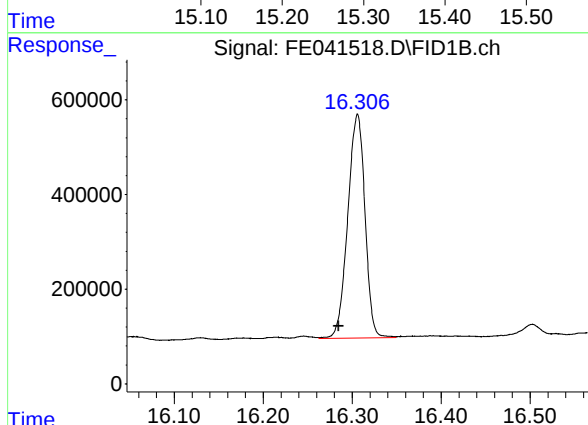
R.T.: 14.178 min
Delta R.T.: 0.016 min
Response: 6687890
Conc: 41.98 ug/ml

Instrument :
FID_E
ClientSampleId :



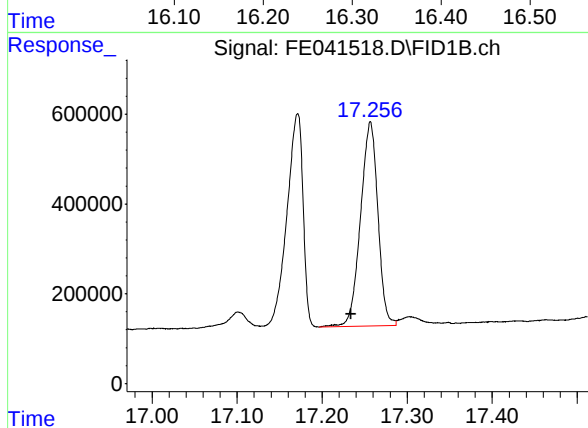
#14 n-Tetracosane (C24)

R.T.: 15.274 min
Delta R.T.: 0.009 min
Response: 13254543
Conc: 82.21 ug/ml



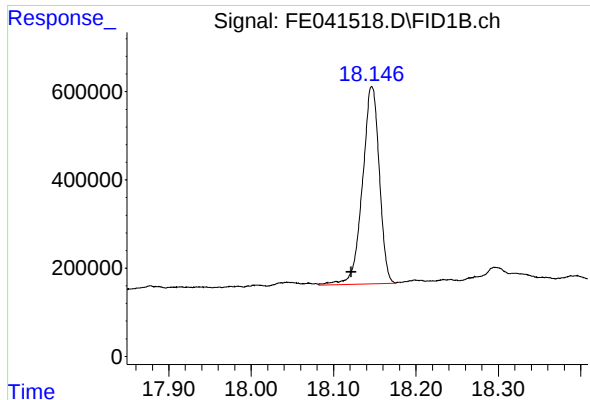
#15 n-Hexacosane (C26)

R.T.: 16.306 min
Delta R.T.: 0.021 min
Response: 6374508
Conc: 40.32 ug/ml



#16 n-Octacosane (C28)

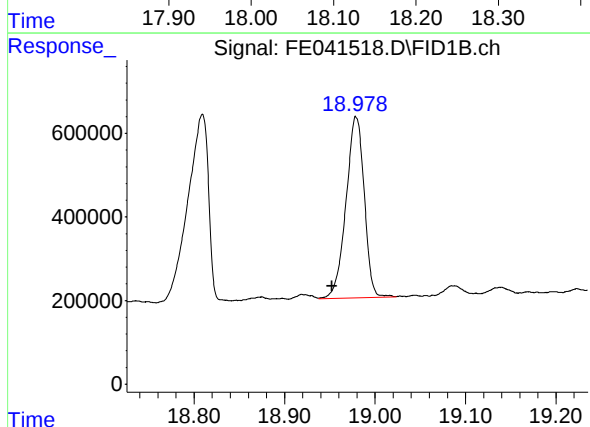
R.T.: 17.257 min
Delta R.T.: 0.023 min
Response: 6453247
Conc: 41.94 ug/ml



#17 n-Tricontane (C30)

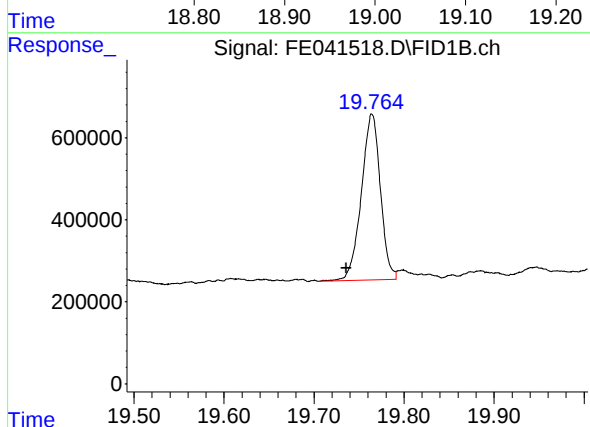
R.T.: 18.146 min
Delta R.T.: 0.025 min
Response: 6381777
Conc: 41.90 ug/ml

Instrument :
FID_E
ClientSampleId :



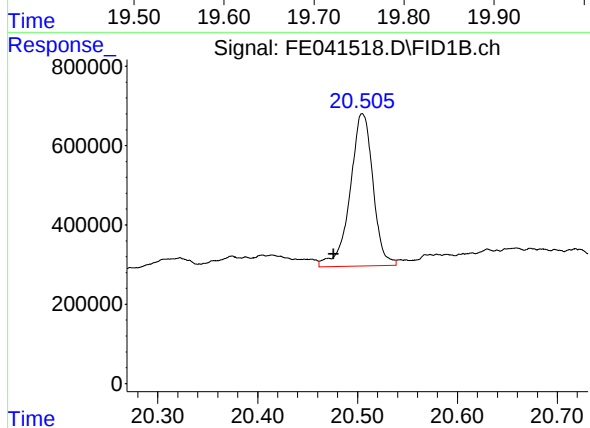
#18 n-Dotriacontane (C32)

R.T.: 18.979 min
Delta R.T.: 0.027 min
Response: 6070769
Conc: 40.75 ug/ml



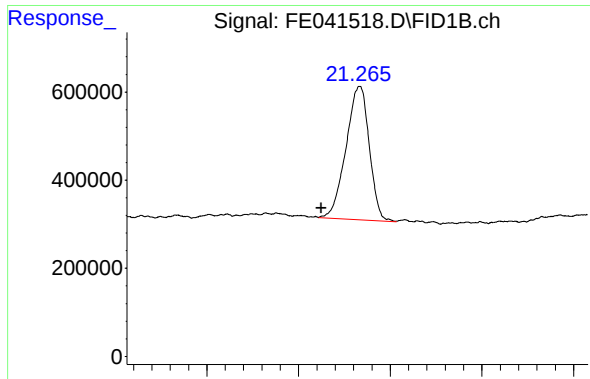
#19 n-Tetratriacontane (C34)

R.T.: 19.764 min
Delta R.T.: 0.028 min
Response: 5938510
Conc: 42.15 ug/ml



#20 n-Hexatriacontane (C36)

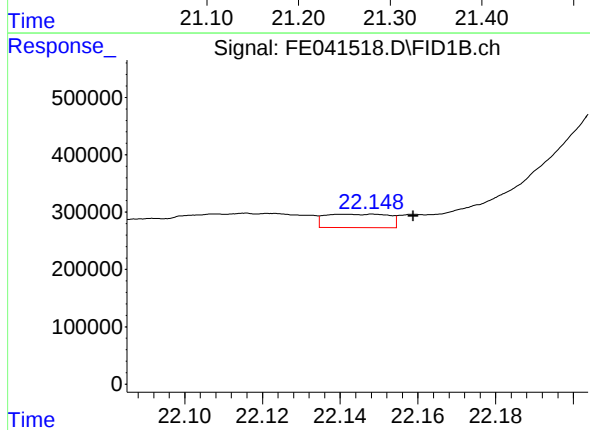
R.T.: 20.505 min
Delta R.T.: 0.029 min
Response: 6112698
Conc: 45.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.267 min
Delta R.T.: 0.042 min
Response: 5338578
Conc: 40.40 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.141 min
Delta R.T.: -0.017 min
Response: 268842
Conc: 2.12 ug/ml