

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120225AL\
 Data File : FE057125.D
 Signal(s) : FID1B.ch
 Acq On : 02 Dec 2025 16:26
 Operator : YP\AJ
 Sample : PB170789BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170789BSD

Integration File: autoint1.e
 Quant Time: Dec 03 00:49:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 2025
 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)	11.945	7657872	34.897 ug/ml
Spiked Amount 50.000		Recovery =	69.79%
12) S 1-chlorooctadecane (S...	13.382	5212688	31.321 ug/ml
Spiked Amount 50.000		Recovery =	62.64%
Target Compounds			
1) T n-Nonane (C9)	3.313	7598010	38.842 ug/ml
2) T n-Decane (C10)	4.560	8074529	39.922 ug/ml
3) T A~Naphthalene (C11.7)	6.272	9797502	48.664 ug/ml
4) T n-Dodecane (C12)	6.728	8578881	42.034 ug/ml
5) T A~2-methylnaphthalene...	7.371	8680023	45.173 ug/ml
6) T n-Tetradecane (C14)	8.563	8660223	43.026 ug/ml
7) T n-Hexadecane (C16)	10.174	8535493	41.621 ug/ml
8) T n-Octadecane (C18)	11.622	8475154	41.119 ug/ml
10) T n-Eicosane (C20)	12.936	8405295	42.729 ug/ml
11) T n-Heneicosane (C21)	13.549	8248469	42.933 ug/ml
13) T n-Docosane (C22)	14.137	8156064	42.250 ug/ml
14) T n-Tetracosane (C24)	15.248	17693902	89.338 ug/ml
15) T n-Hexacosane (C26)	16.271	7932116	39.982 ug/ml
16) T n-Octacosane (C28)	17.220	8168554	39.750 ug/ml
17) T n-Tricontane (C30)	18.114	7679394	34.218 ug/ml
18) T n-Dotriacontane (C32)	18.946	7694677	32.963 ug/ml
19) T n-Tetratriacontane (C34)	19.732	8391301	39.288 ug/ml
20) T n-Hexatriacontane (C36)	20.475	8977328	48.231 ug/ml
21) T n-Octatriacontane (C38)	21.226	9424088	54.378 ug/ml
22) T n-Tetracontane (C40)	22.163	9700501	57.565 ug/ml

(f)=RT Delta > 1/2 Window

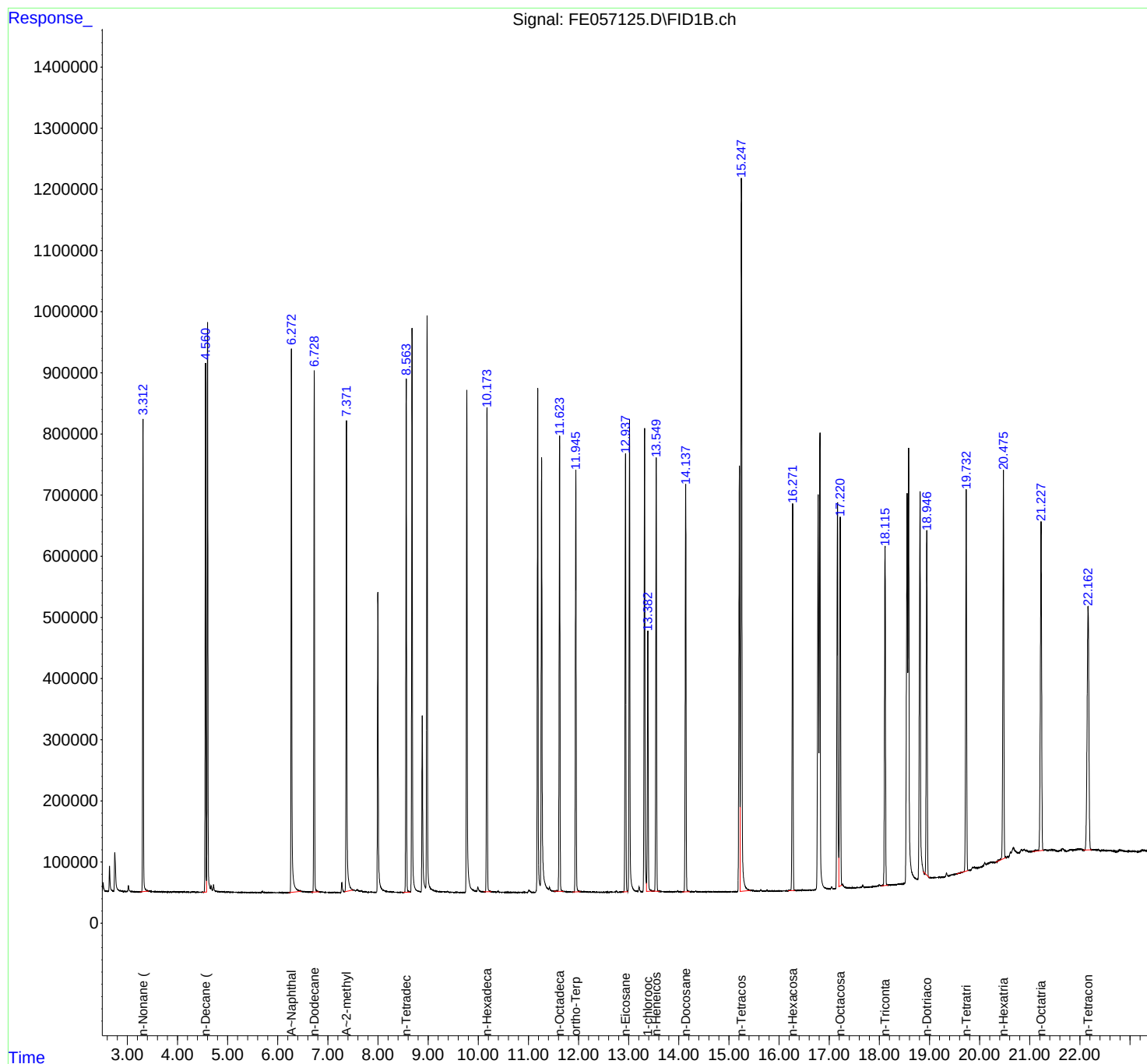
(m)=manual int.

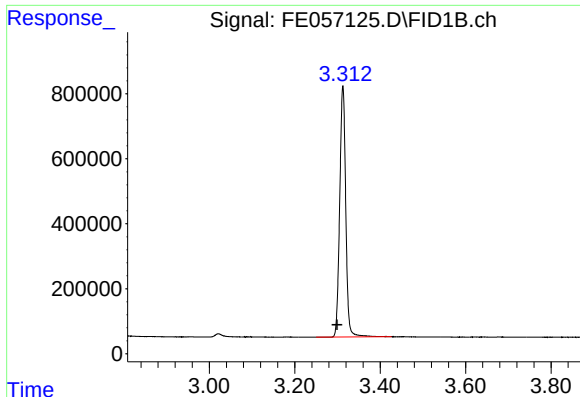
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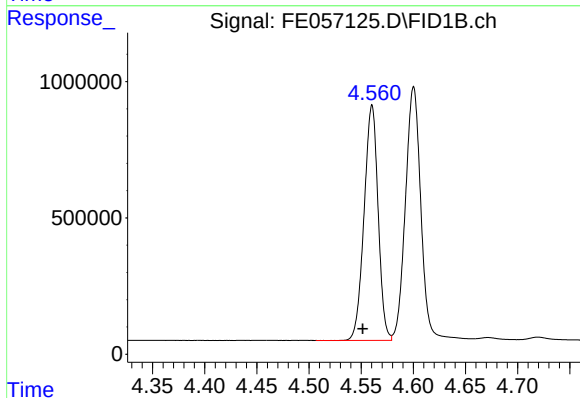




#1 n-Nonane (C9)

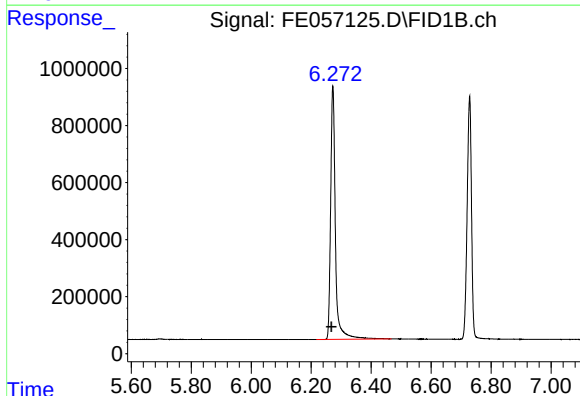
R.T.: 3.313 min
Delta R.T.: 0.014 min
Response: 7598010
Conc: 38.84 ug/ml

Instrument :
FID_E
ClientSampleId :
PB170789BSD



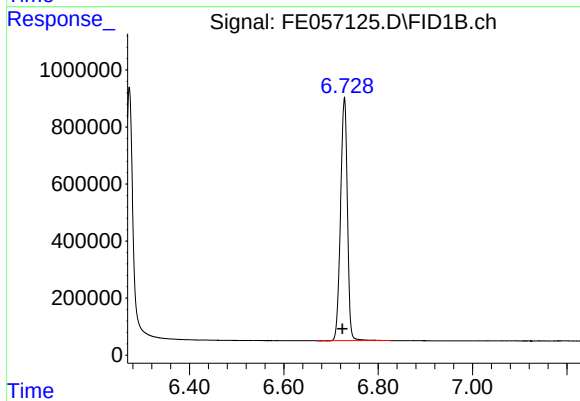
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: 0.009 min
Response: 8074529
Conc: 39.92 ug/ml



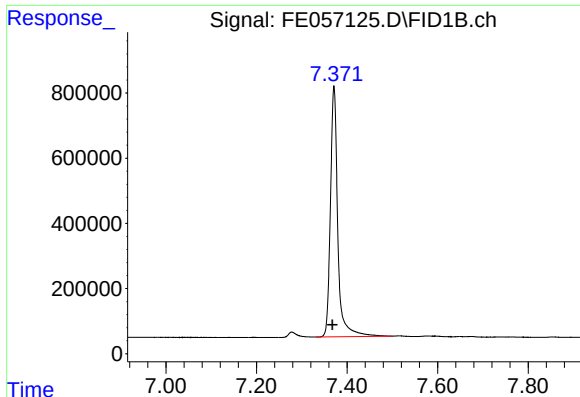
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.004 min
Response: 9797502
Conc: 48.66 ug/ml



#4 n-Dodecane (C12)

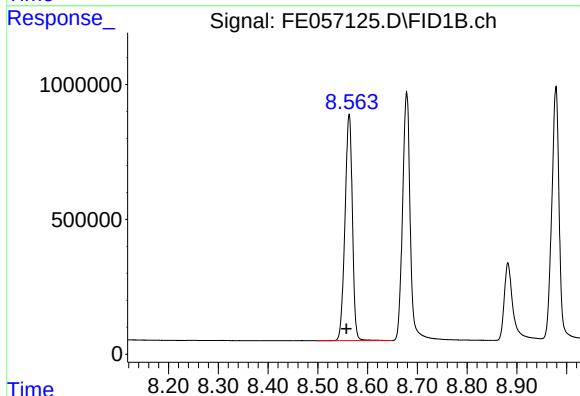
R.T.: 6.728 min
Delta R.T.: 0.004 min
Response: 8578881
Conc: 42.03 ug/ml



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

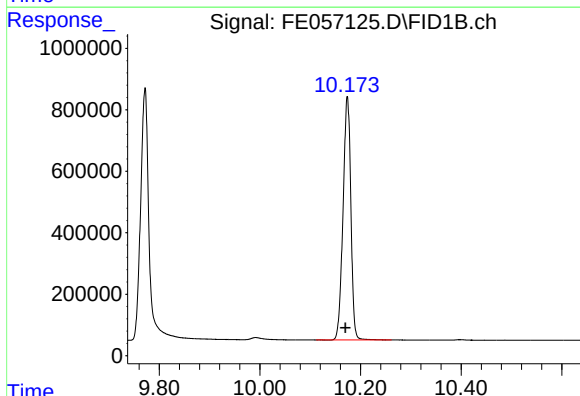
R.T.: 7.371 min
Delta R.T.: 0.004 min
Response: 8680023
Conc: 45.17 ug/ml

Instrument :
FID_E
ClientSampleId :
PB170789BSD



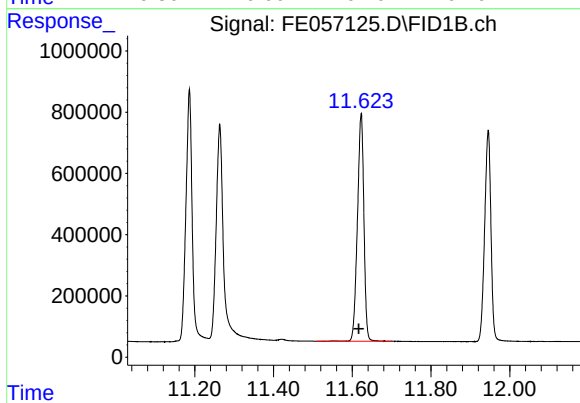
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: 0.005 min
Response: 8660223
Conc: 43.03 ug/ml



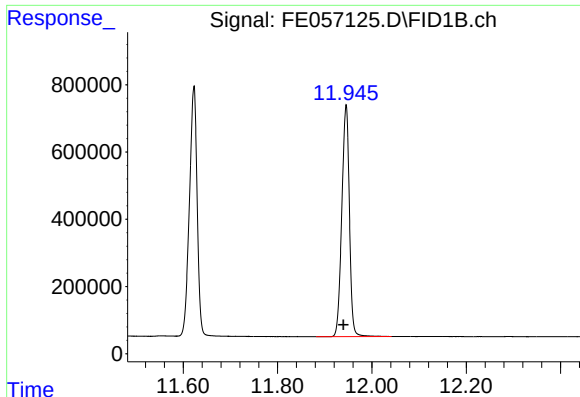
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: 0.004 min
Response: 8535493
Conc: 41.62 ug/ml



#8 n-Octadecane (C18)

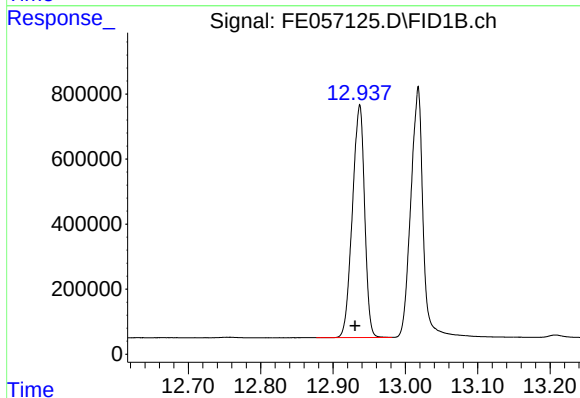
R.T.: 11.622 min
Delta R.T.: 0.006 min
Response: 8475154
Conc: 41.12 ug/ml



#9 ortho-Terphenyl (SURR)

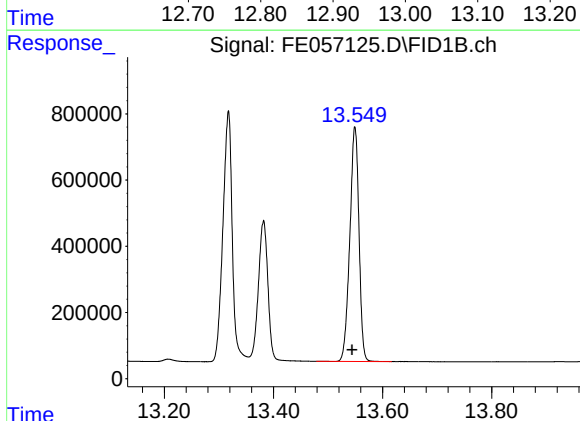
R.T.: 11.945 min
Delta R.T.: 0.005 min
Response: 7657872
Conc: 34.90 ug/ml

Instrument :
FID_E
ClientSampleId :
PB170789BSD



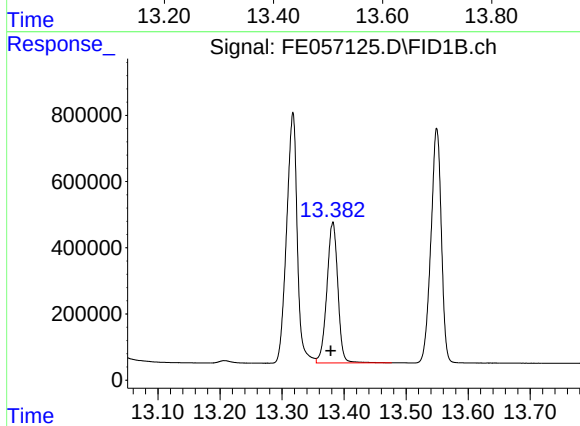
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: 0.006 min
Response: 8405295
Conc: 42.73 ug/ml



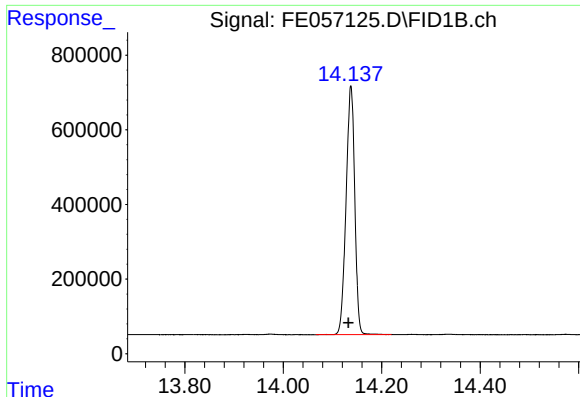
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: 0.005 min
Response: 8248469
Conc: 42.93 ug/ml



#12 1-chlorooctadecane (SURR)

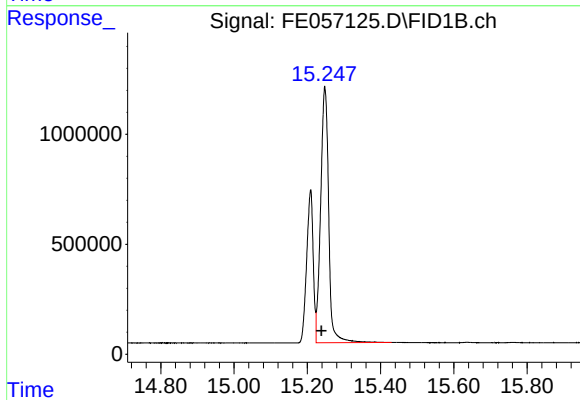
R.T.: 13.382 min
Delta R.T.: 0.003 min
Response: 5212688
Conc: 31.32 ug/ml



#13 n-Docosane (C22)

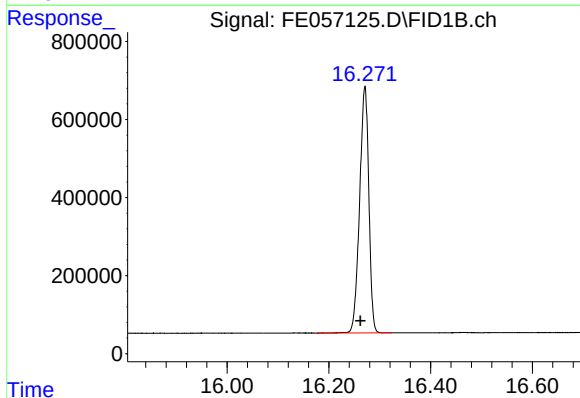
R.T.: 14.137 min
Delta R.T.: 0.005 min
Response: 8156064
Conc: 42.25 ug/ml

Instrument :
FID_E
ClientSampleId :
PB170789BSD



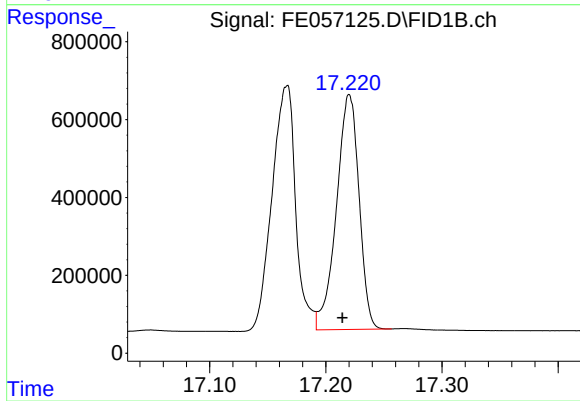
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: 0.010 min
Response: 17693902
Conc: 89.34 ug/ml



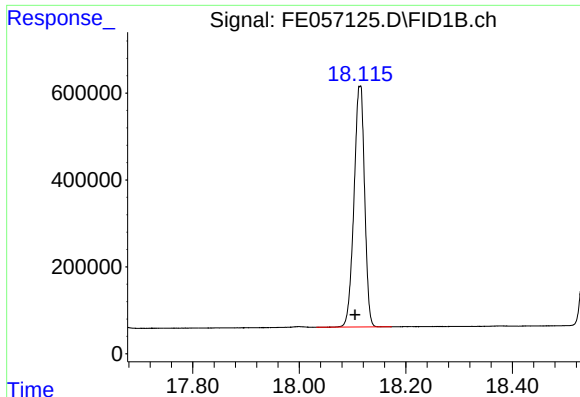
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: 0.009 min
Response: 7932116
Conc: 39.98 ug/ml



#16 n-Octacosane (C28)

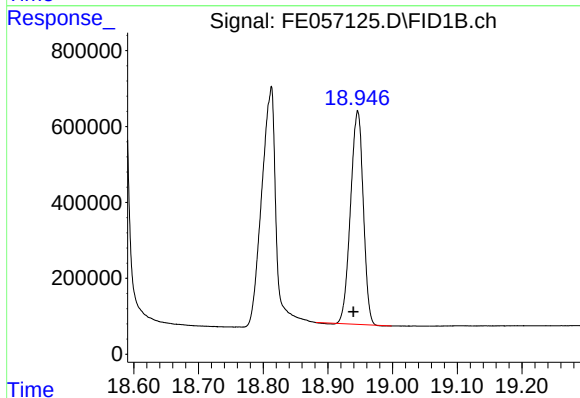
R.T.: 17.220 min
Delta R.T.: 0.006 min
Response: 8168554
Conc: 39.75 ug/ml



#17 n-Tricontane (C30)

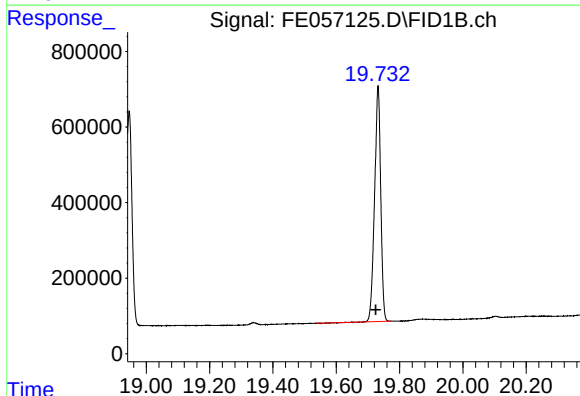
R.T.: 18.114 min
Delta R.T.: 0.009 min
Response: 7679394
Conc: 34.22 ug/ml

Instrument :
FID_E
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PB170789BSD



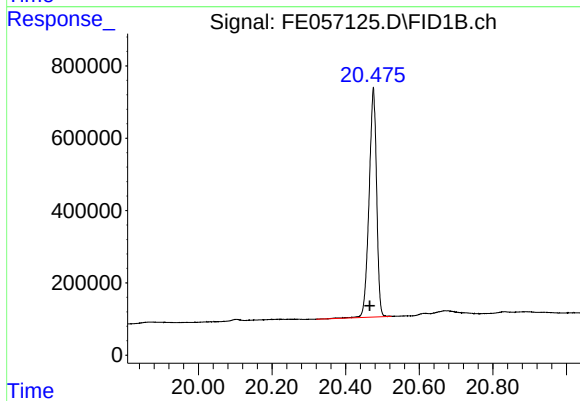
#18 n-Dotriacontane (C32)

R.T.: 18.946 min
Delta R.T.: 0.006 min
Response: 7694677
Conc: 32.96 ug/ml



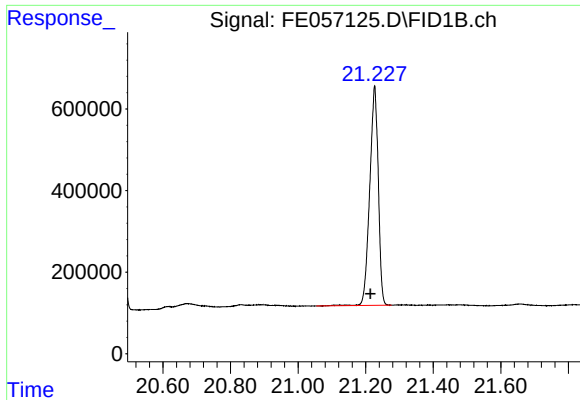
#19 n-Tetratriacontane (C34)

R.T.: 19.732 min
Delta R.T.: 0.008 min
Response: 8391301
Conc: 39.29 ug/ml



#20 n-Hexatriacontane (C36)

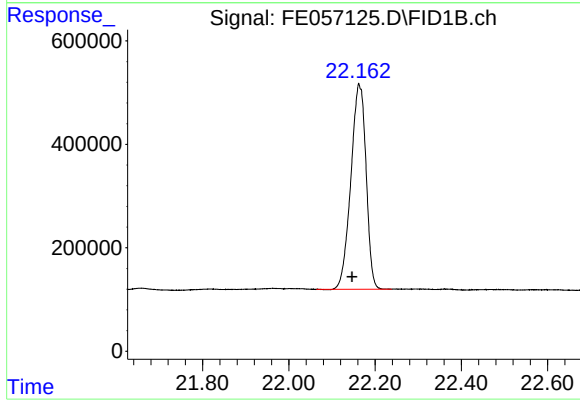
R.T.: 20.475 min
Delta R.T.: 0.009 min
Response: 8977328
Conc: 48.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: 0.012 min
Response: 9424088
Conc: 54.38 ug/ml

Instrument :
FID_E
ClientSampleId :
PB170789BSD



#22 n-Tetracontane (C40)

R.T.: 22.163 min
Delta R.T.: 0.017 min
Response: 9700501
Conc: 57.56 ug/ml