

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031425AL\
 Data File : FE052809.D
 Signal(s) : FID1B.ch
 Acq On : 14 Mar 2025 15:53
 Operator : YP\AJ
 Sample : Q1566-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 14 23:32:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.906	4708823	27.931 ug/ml
Spiked Amount 50.000		Recovery =	55.86%
12) S 1-chlorooctadecane (S...	13.351	3626525	29.866 ug/ml
Spiked Amount 50.000		Recovery =	59.73%
Target Compounds			
1) T n-Nonane (C9)	3.250	4745516	30.606 ug/ml
2) T n-Decane (C10)	4.511	5204719	33.131 ug/ml
3) T A~Naphthalene (C11.7)	6.222	5896890	34.771 ug/ml
4) T n-Dodecane (C12)	6.690	5511749	35.400 ug/ml
5) T A~2-methylnaphthalene...	7.325	5564835	34.339 ug/ml
6) T n-Tetradecane (C14)	8.529	5908129	39.047 ug/ml
7) T n-Hexadecane (C16)	10.142	6319676	41.335 ug/ml
8) T n-Octadecane (C18)	11.592	6459947	42.460 ug/ml
10) T n-Eicosane (C20)	12.907	6551186	45.126 ug/ml
11) T n-Heneicosane (C21)	13.521	6202214	43.577 ug/ml
13) T n-Docosane (C22)	14.109	6205360	43.605 ug/ml
14) T n-Tetracosane (C24)	15.202	12577148	87.885 ug/ml
15) T n-Hexacosane (C26)	16.241	6003422	42.220 ug/ml
16) T n-Octacosane (C28)	17.191	6053104	42.569 ug/ml
17) T n-Tricontane (C30)	18.084	6096615	41.277 ug/ml
18) T n-Dotriacontane (C32)	18.917	6075696	41.850 ug/ml
19) T n-Tetratriacontane (C34)	19.702	6169622	45.776 ug/ml
20) T n-Hexatriacontane (C36)	20.444	6058704	50.989 ug/ml
21) T n-Octatriacontane (C38)	21.186	6183180	55.736 ug/ml
22) T n-Tetracontane (C40)	22.106	6275732	58.046 ug/ml

(f)=RT Delta > 1/2 Window

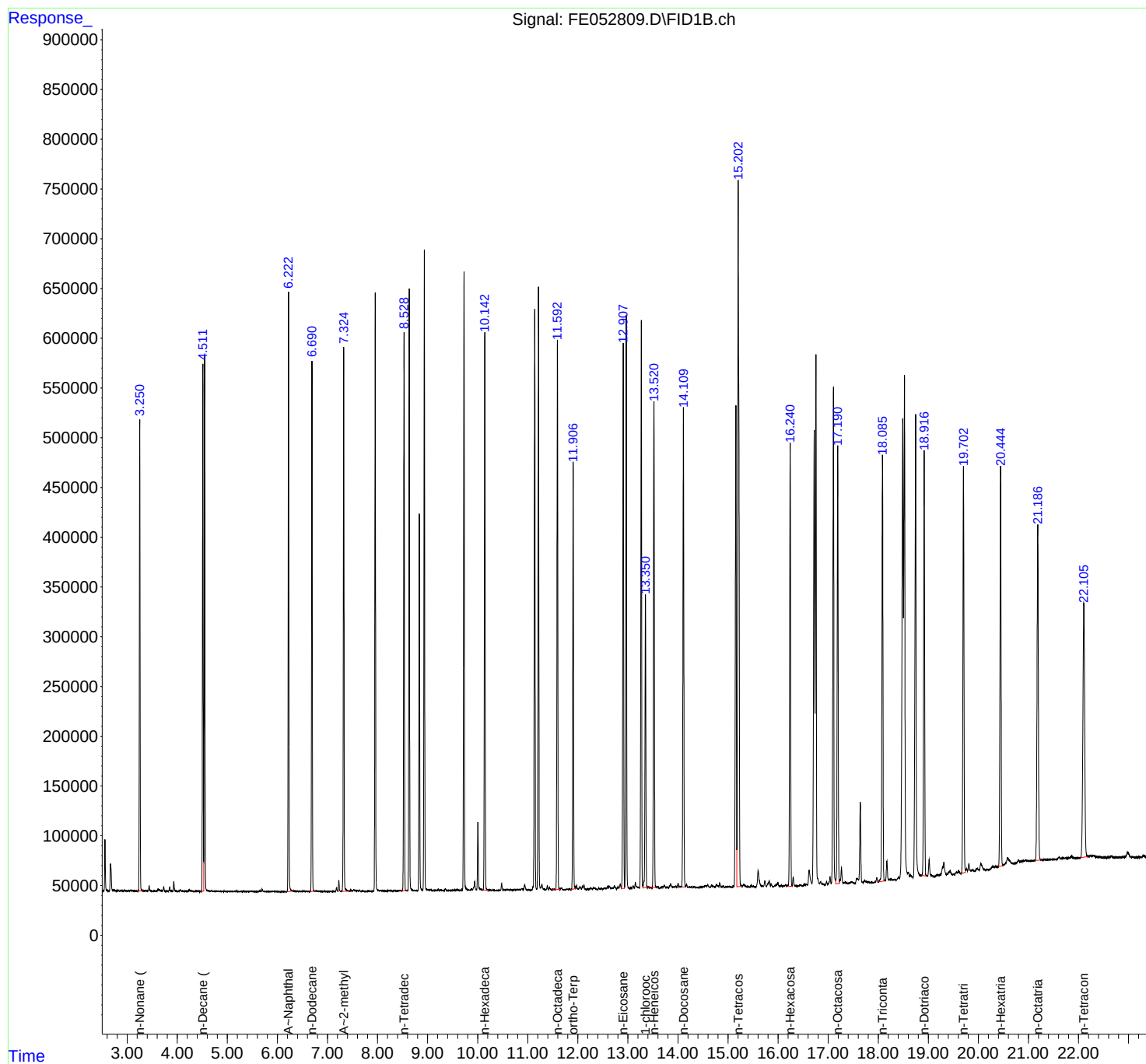
(m)=manual int.

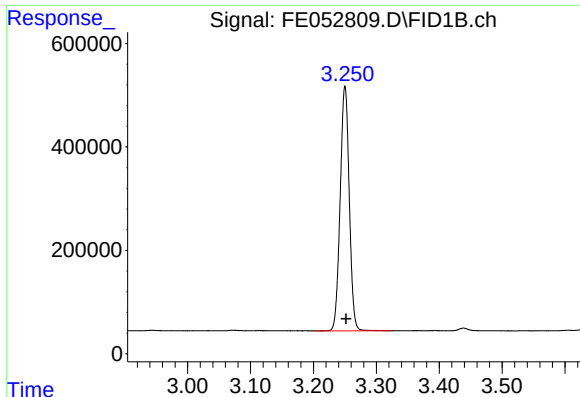
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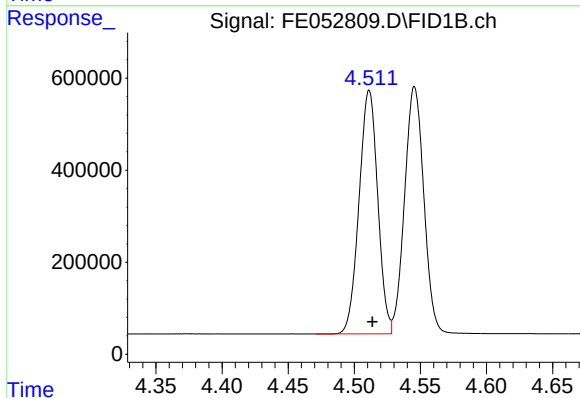




#1 n-Nonane (C9)

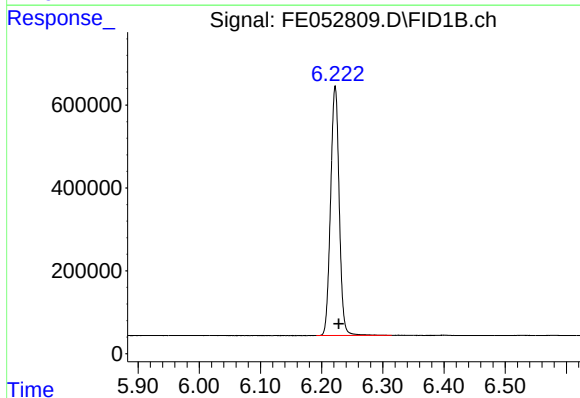
R.T.: 3.250 min
Delta R.T.: -0.002 min
Response: 4745516
Conc: 30.61 ug/ml

Instrument :
FID_E
ClientSampleId :



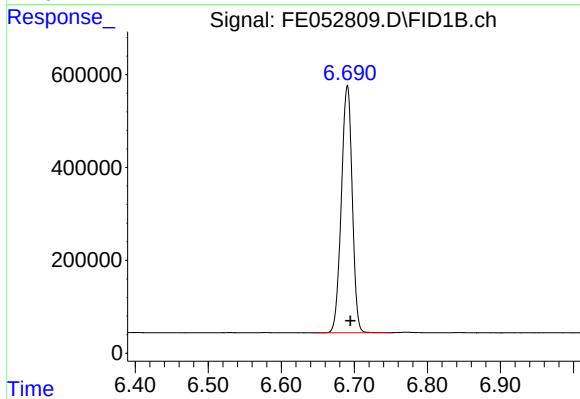
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.003 min
Response: 5204719
Conc: 33.13 ug/ml



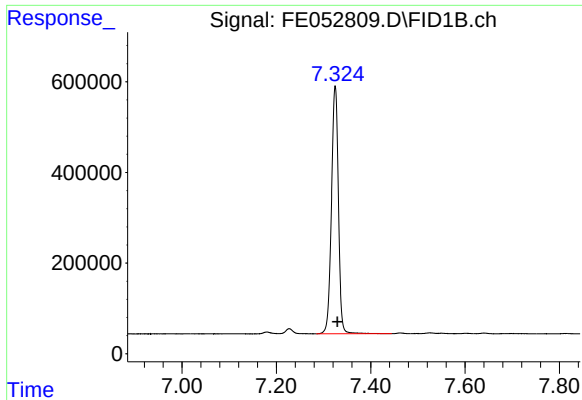
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: -0.006 min
Response: 5896890
Conc: 34.77 ug/ml



#4 n-Dodecane (C12)

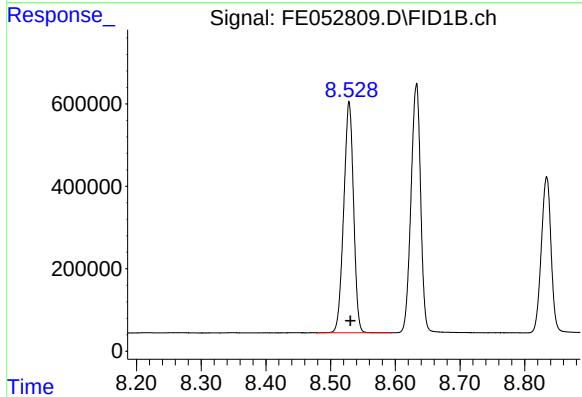
R.T.: 6.690 min
Delta R.T.: -0.004 min
Response: 5511749
Conc: 35.40 ug/ml



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

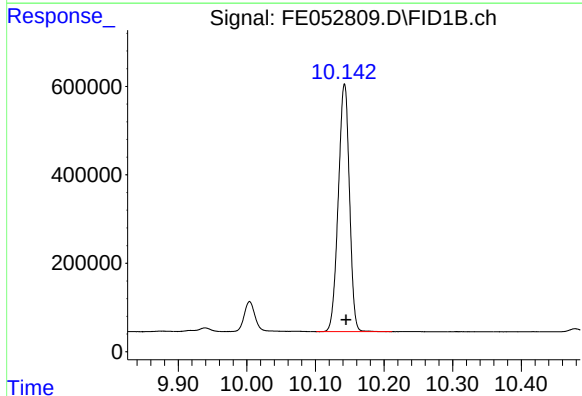
R.T.: 7.325 min
Delta R.T.: -0.005 min
Response: 5564835
Conc: 34.34 ug/ml

Instrument :
FID_E
ClientSampleId :



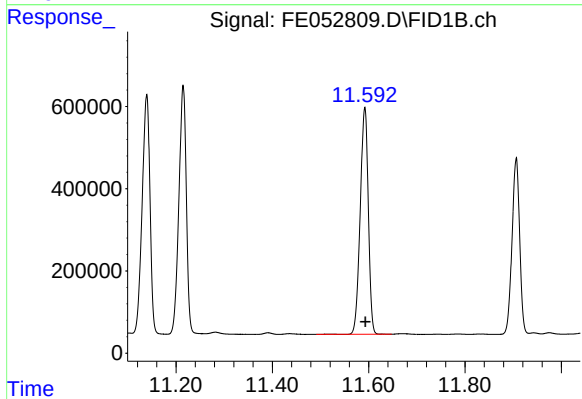
#6 n-Tetradecane (C14)

R.T.: 8.529 min
Delta R.T.: -0.002 min
Response: 5908129
Conc: 39.05 ug/ml



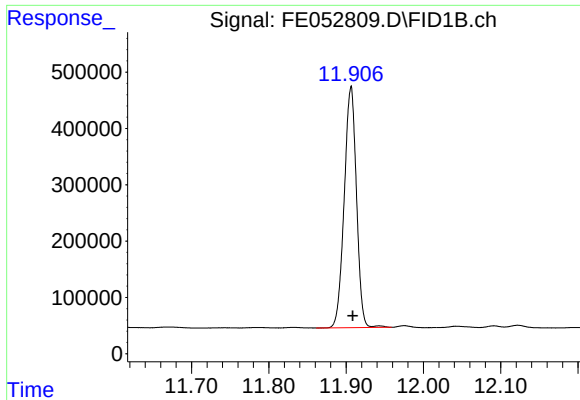
#7 n-Hexadecane (C16)

R.T.: 10.142 min
Delta R.T.: -0.002 min
Response: 6319676
Conc: 41.34 ug/ml



#8 n-Octadecane (C18)

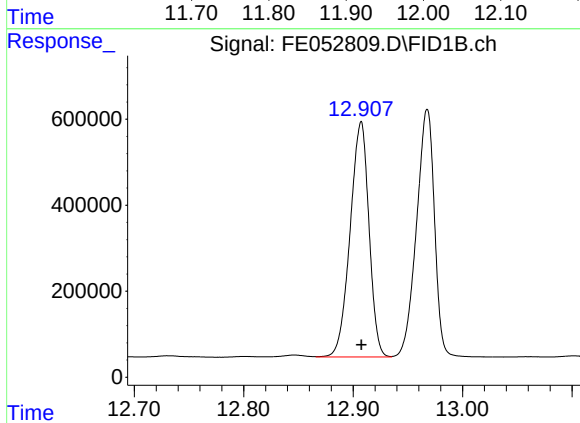
R.T.: 11.592 min
Delta R.T.: -0.001 min
Response: 6459947
Conc: 42.46 ug/ml



#9 ortho-Terphenyl (SURR)

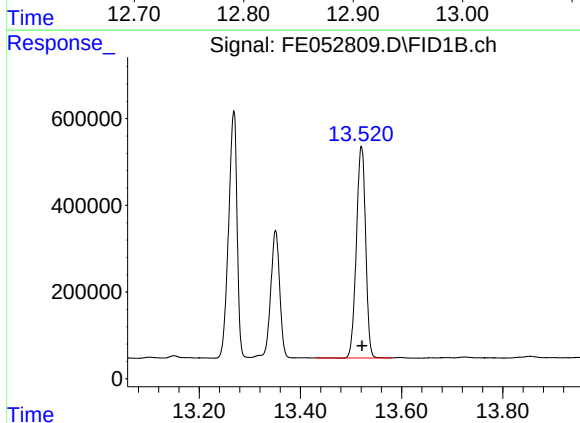
R.T.: 11.906 min
Delta R.T.: -0.003 min
Response: 4708823
Conc: 27.93 ug/ml

Instrument :
FID_E
ClientSampleId :



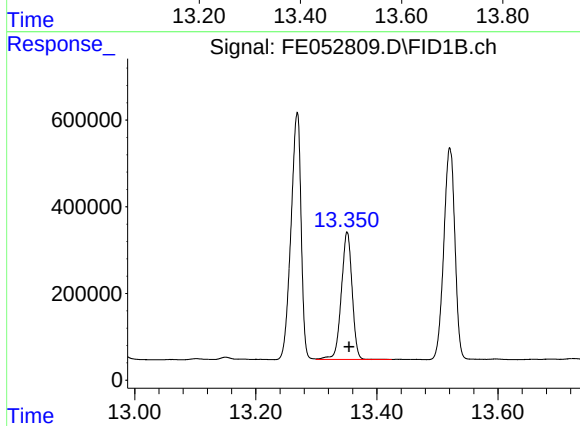
#10 n-Eicosane (C20)

R.T.: 12.907 min
Delta R.T.: 0.000 min
Response: 6551186
Conc: 45.13 ug/ml



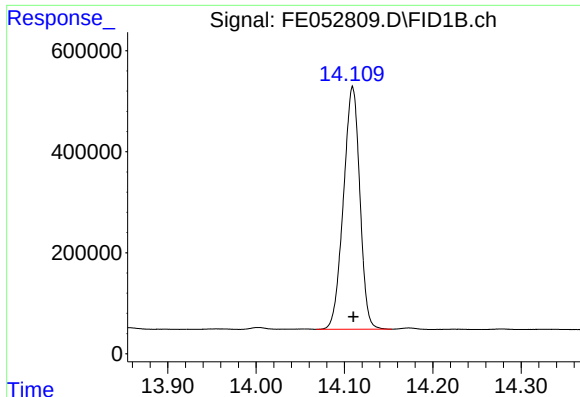
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: -0.002 min
Response: 6202214
Conc: 43.58 ug/ml



#12 1-chlorooctadecane (SURR)

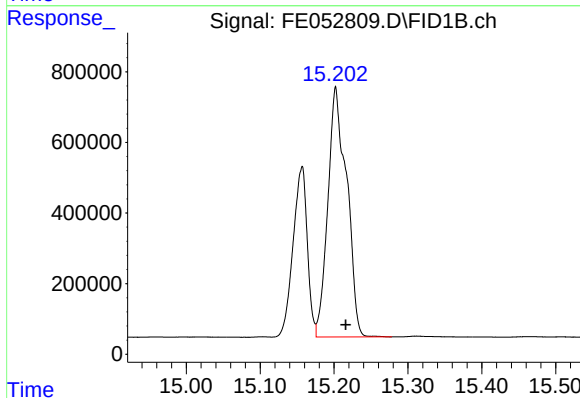
R.T.: 13.351 min
Delta R.T.: -0.003 min
Response: 3626525
Conc: 29.87 ug/ml



#13 n-Docosane (C22)

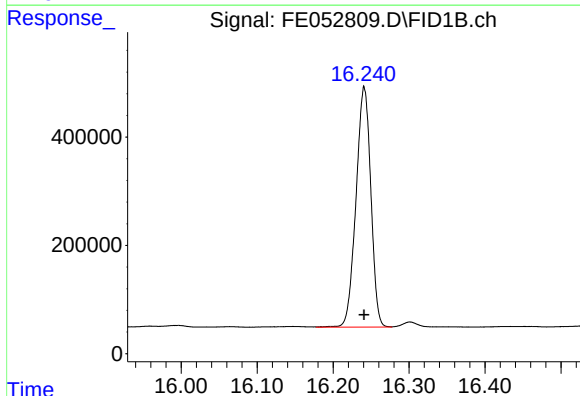
R.T.: 14.109 min
Delta R.T.: 0.000 min
Response: 6205360
Conc: 43.60 ug/ml

Instrument :
FID_E
ClientSampleId :



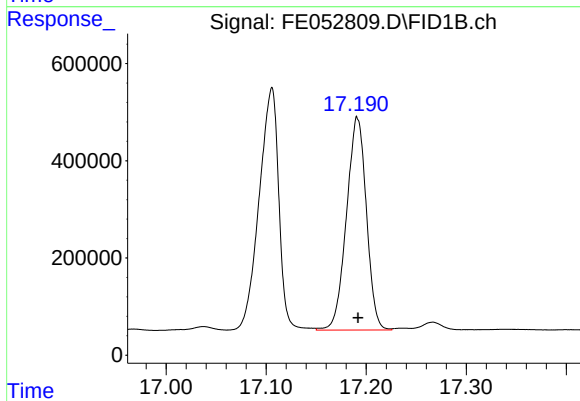
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: -0.014 min
Response: 12577148
Conc: 87.89 ug/ml



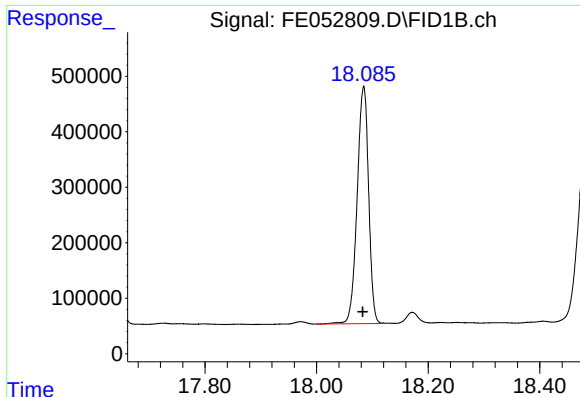
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 6003422
Conc: 42.22 ug/ml



#16 n-Octacosane (C28)

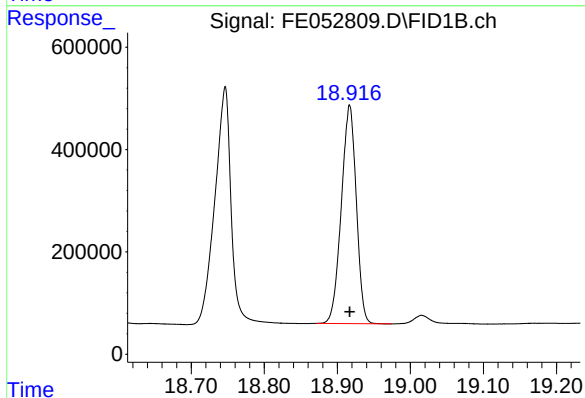
R.T.: 17.191 min
Delta R.T.: 0.000 min
Response: 6053104
Conc: 42.57 ug/ml



#17 n-Tricontane (C30)

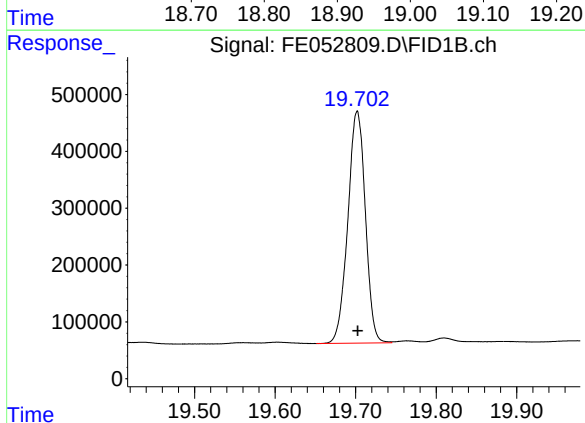
R.T.: 18.084 min
Delta R.T.: 0.002 min
Response: 6096615
Conc: 41.28 ug/ml

Instrument :
FID_E
ClientSampleId :



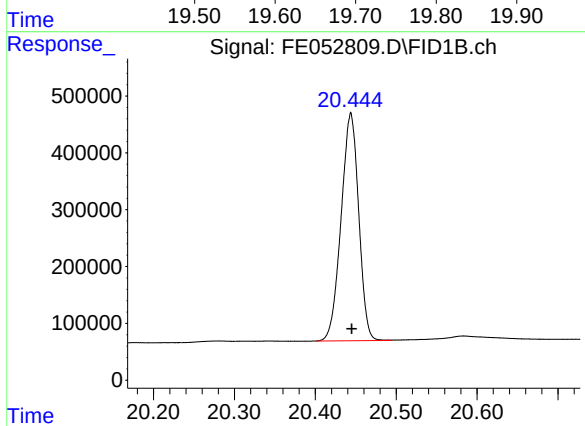
#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: 0.000 min
Response: 6075696
Conc: 41.85 ug/ml



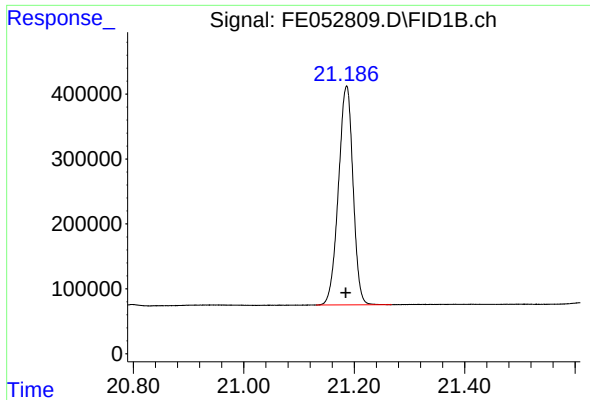
#19 n-Tetratriacontane (C34)

R.T.: 19.702 min
Delta R.T.: 0.000 min
Response: 6169622
Conc: 45.78 ug/ml



#20 n-Hexatriacontane (C36)

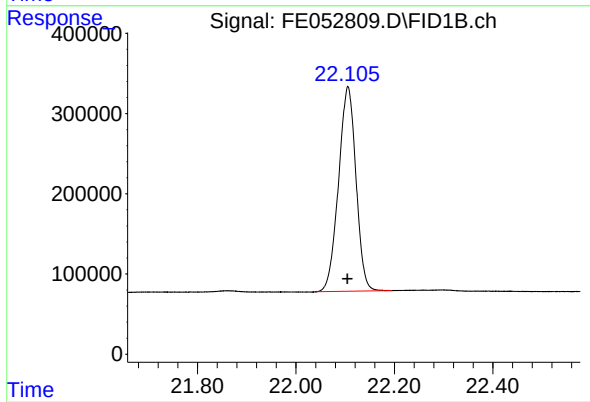
R.T.: 20.444 min
Delta R.T.: 0.000 min
Response: 6058704
Conc: 50.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.186 min
Delta R.T.: 0.001 min
Response: 6183180
Conc: 55.74 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: 0.001 min
Response: 6275732
Conc: 58.05 ug/ml