

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072125AL\
 Data File : FE054943.D
 Signal(s) : FID1B.ch
 Acq On : 21 Jul 2025 16:33
 Operator : YP\AJ
 Sample : Q2635-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT2286MSD

Integration File: autoint1.e
 Quant Time: Jul 22 01:29:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.091	4365204	26.880 ug/ml
Spiked Amount 50.000		Recovery =	53.76%
12) S 1-chlorooctadecane (S...	13.527	3525879	27.918 ug/ml
Spiked Amount 50.000		Recovery =	55.84%
Target Compounds			
1) T n-Nonane (C9)	3.426	2870631	21.342 ug/ml
2) T n-Decane (C10)	4.684	3224993	23.635 ug/ml
3) T A~Naphthalene (C11.7)	6.404	4306162	28.440 ug/ml
4) T n-Dodecane (C12)	6.860	3682736	26.841 ug/ml
5) T A~2-methylnaphthalene...	7.505	4124151	28.055 ug/ml
6) T n-Tetradecane (C14)	8.699	4060889	29.294 ug/ml
7) T n-Hexadecane (C16)	10.313	4426496	31.061 ug/ml
8) T n-Octadecane (C18)	11.764	4572380	31.199 ug/ml
10) T n-Eicosane (C20)	13.079	4537750	31.557 ug/ml
11) T n-Heneicosane (C21)	13.693	4264371	29.856 ug/ml
13) T n-Docosane (C22)	14.281	4275131	29.940 ug/ml
14) T n-Tetracosane (C24)	15.388	9084684	62.496 ug/ml
15) T n-Hexacosane (C26)	16.413	4150290	28.679 ug/ml
16) T n-Octacosane (C28)	17.363	4272205	29.314 ug/ml
17) T n-Tricontane (C30)	18.254	4246535	26.948 ug/ml
18) T n-Dotriacontane (C32)	19.088	4154275	25.678 ug/ml
19) T n-Tetratriacontane (C34)	19.873	4343269	28.501 ug/ml
20) T n-Hexatriacontane (C36)	20.614	4177144	31.067 ug/ml
21) T n-Octatriacontane (C38)	21.397	4296658	36.635 ug/ml
22) T n-Tetracontane (C40)	22.390	4170336	38.477 ug/ml

(f)=RT Delta > 1/2 Window

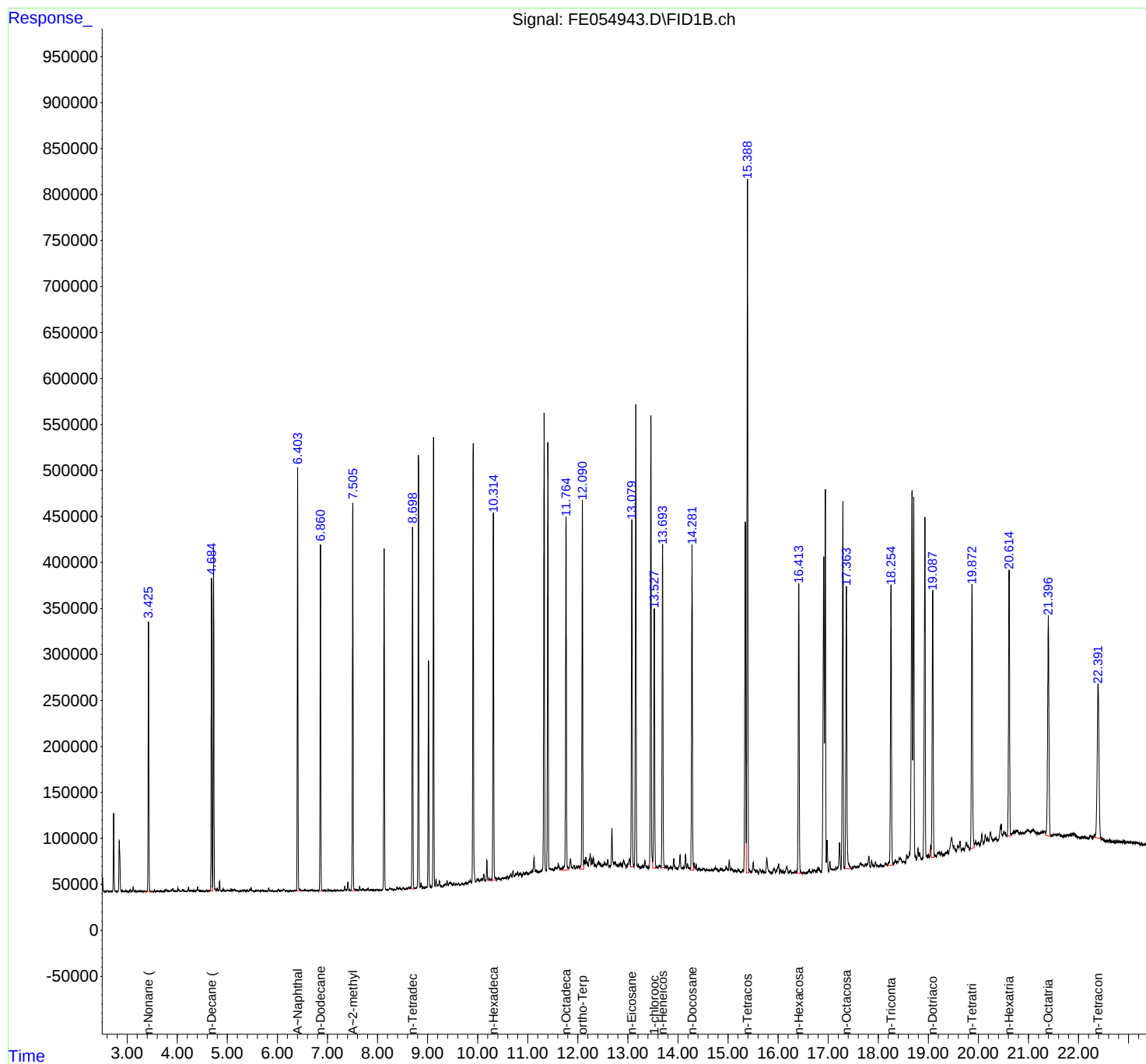
(m)=manual int.

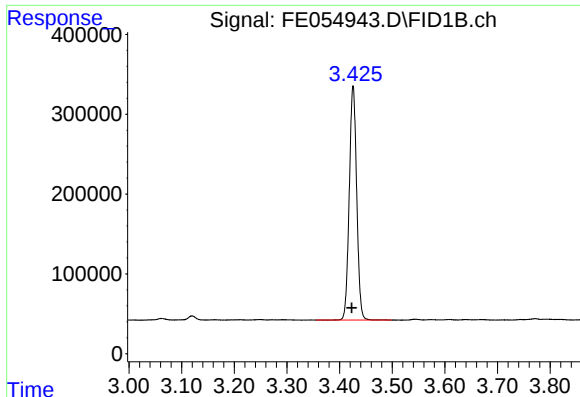
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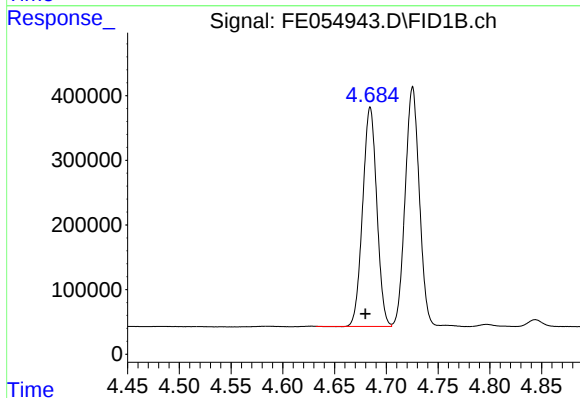




#1 n-Nonane (C9)

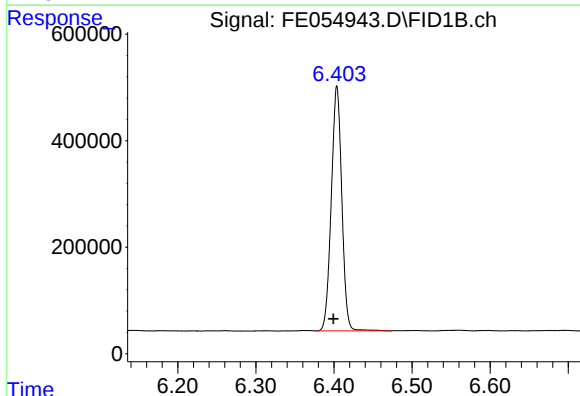
R.T.: 3.426 min
Delta R.T.: 0.003 min
Response: 2870631
Conc: 21.34 ug/ml

Instrument :
FID_E
ClientSampleId :
RT2286MSD



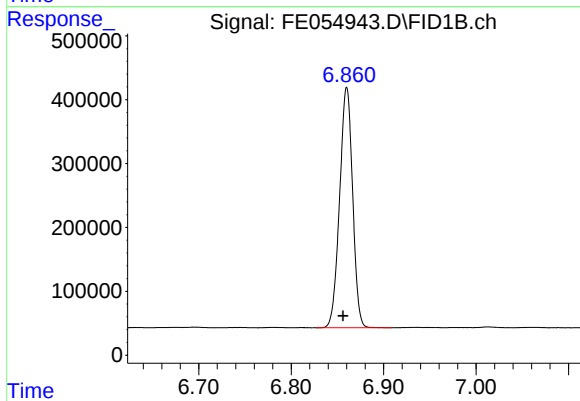
#2 n-Decane (C10)

R.T.: 4.684 min
Delta R.T.: 0.004 min
Response: 3224993
Conc: 23.64 ug/ml



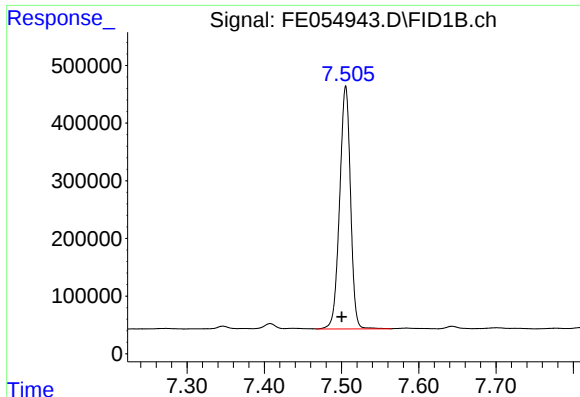
#3 A~Naphthalene (C11.7)

R.T.: 6.404 min
Delta R.T.: 0.005 min
Response: 4306162
Conc: 28.44 ug/ml



#4 n-Dodecane (C12)

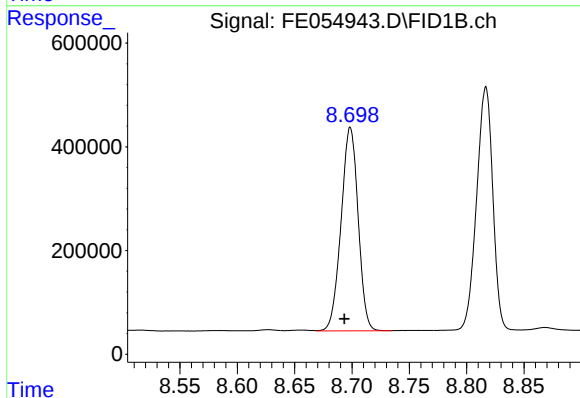
R.T.: 6.860 min
Delta R.T.: 0.004 min
Response: 3682736
Conc: 26.84 ug/ml



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

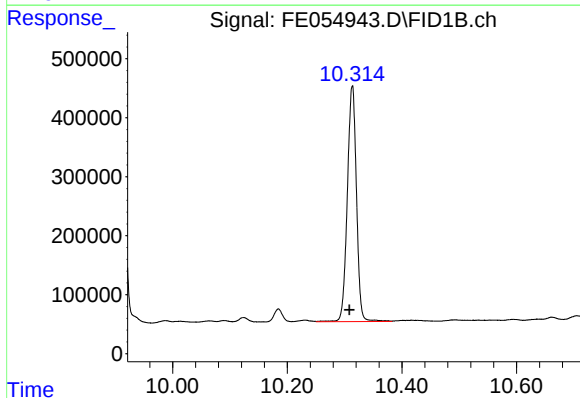
R.T.: 7.505 min
Delta R.T.: 0.005 min
Response: 4124151
Conc: 28.05 ug/ml

Instrument :
FID_E
ClientSampleId :
RT2286MSD



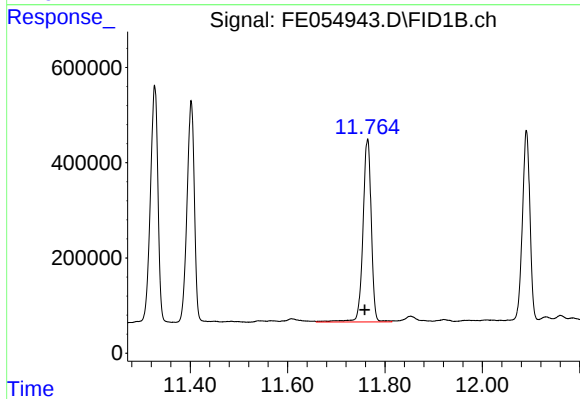
#6 n-Tetradecane (C14)

R.T.: 8.699 min
Delta R.T.: 0.005 min
Response: 4060889
Conc: 29.29 ug/ml



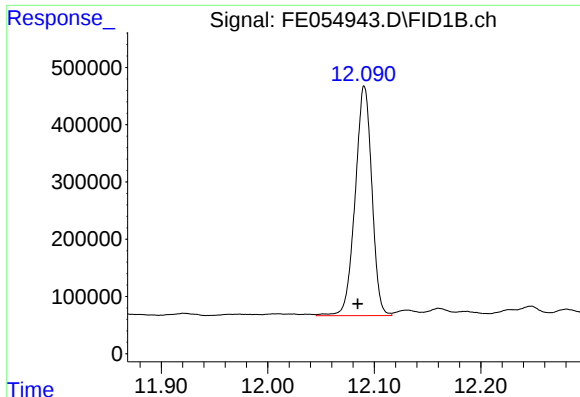
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: 0.005 min
Response: 4426496
Conc: 31.06 ug/ml



#8 n-Octadecane (C18)

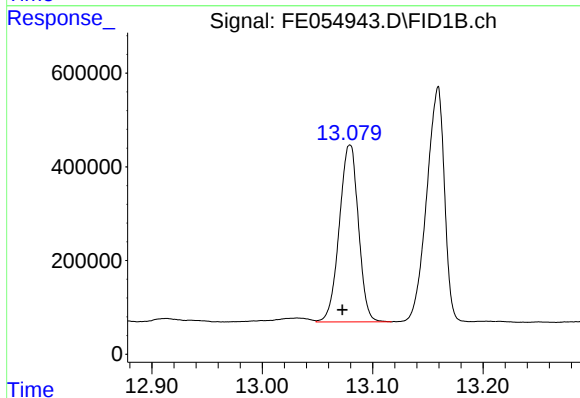
R.T.: 11.764 min
Delta R.T.: 0.006 min
Response: 4572380
Conc: 31.20 ug/ml



#9 ortho-Terphenyl (SURR)

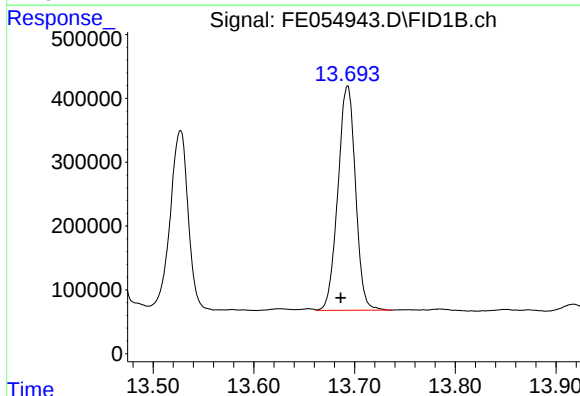
R.T.: 12.091 min
Delta R.T.: 0.006 min
Response: 4365204
Conc: 26.88 ug/ml

Instrument :
FID_E
ClientSampleId :
RT2286MSD



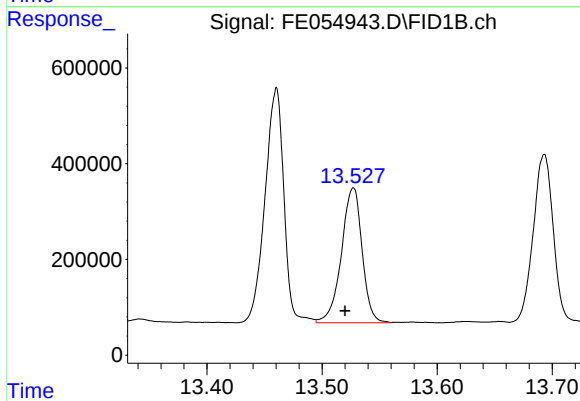
#10 n-Eicosane (C20)

R.T.: 13.079 min
Delta R.T.: 0.006 min
Response: 4537750
Conc: 31.56 ug/ml



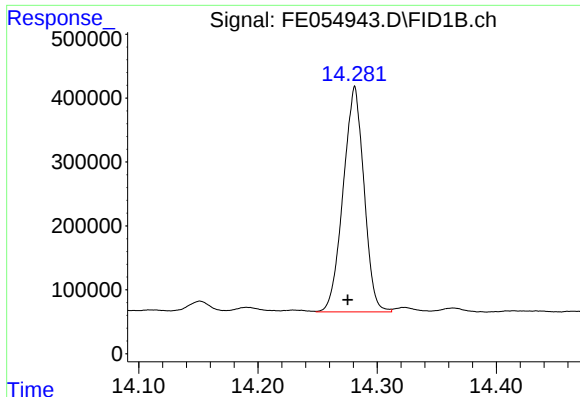
#11 n-Heneicosane (C21)

R.T.: 13.693 min
Delta R.T.: 0.007 min
Response: 4264371
Conc: 29.86 ug/ml



#12 1-chlorooctadecane (SURR)

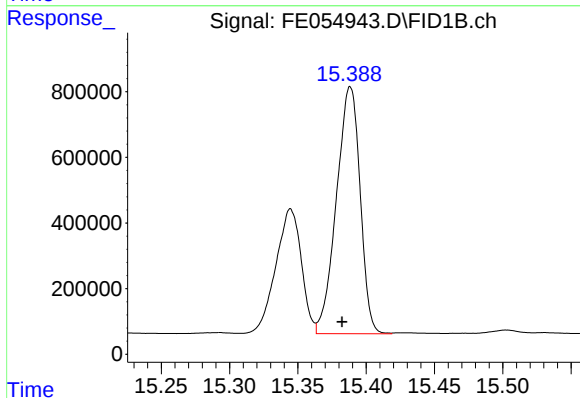
R.T.: 13.527 min
Delta R.T.: 0.007 min
Response: 3525879
Conc: 27.92 ug/ml



#13 n-Docosane (C22)

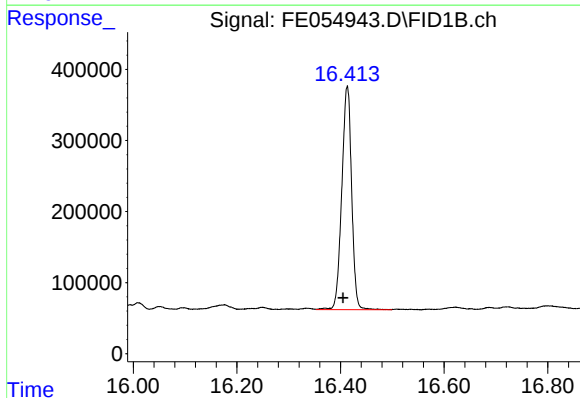
R.T.: 14.281 min
Delta R.T.: 0.006 min
Response: 4275131
Conc: 29.94 ug/ml

Instrument :
FID_E
ClientSampleId :
RT2286MSD



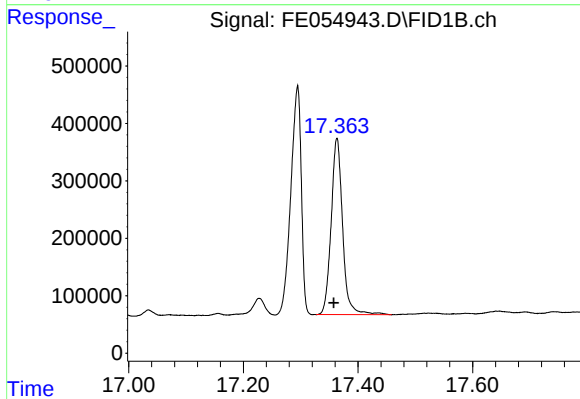
#14 n-Tetracosane (C24)

R.T.: 15.388 min
Delta R.T.: 0.006 min
Response: 9084684
Conc: 62.50 ug/ml



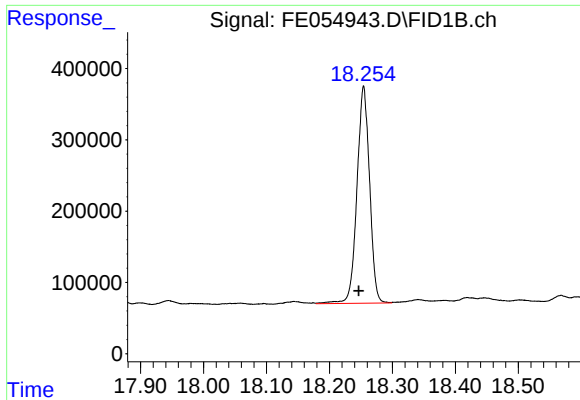
#15 n-Hexacosane (C26)

R.T.: 16.413 min
Delta R.T.: 0.008 min
Response: 4150290
Conc: 28.68 ug/ml



#16 n-Octacosane (C28)

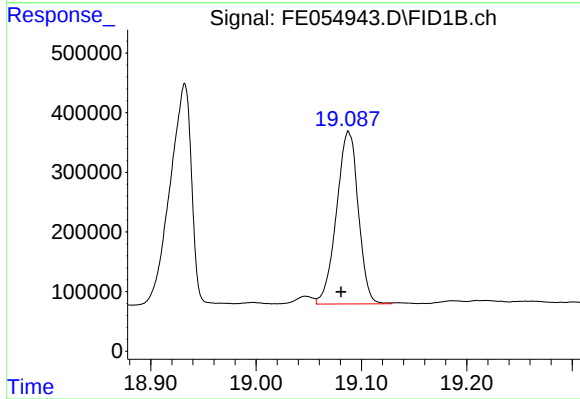
R.T.: 17.363 min
Delta R.T.: 0.006 min
Response: 4272205
Conc: 29.31 ug/ml



#17 n-Tricontane (C30)

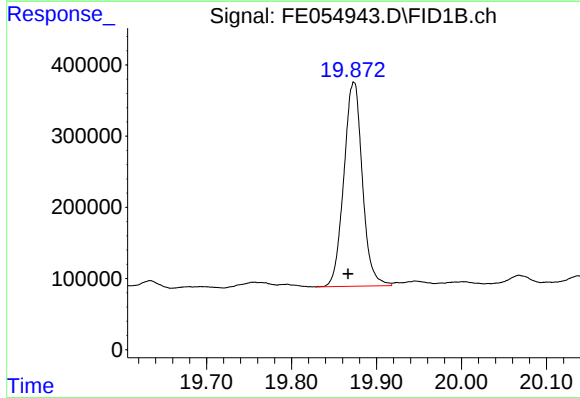
R.T.: 18.254 min
Delta R.T.: 0.008 min
Response: 4246535
Conc: 26.95 ug/ml

Instrument :
FID_E
ClientSampleId :
RT2286MSD



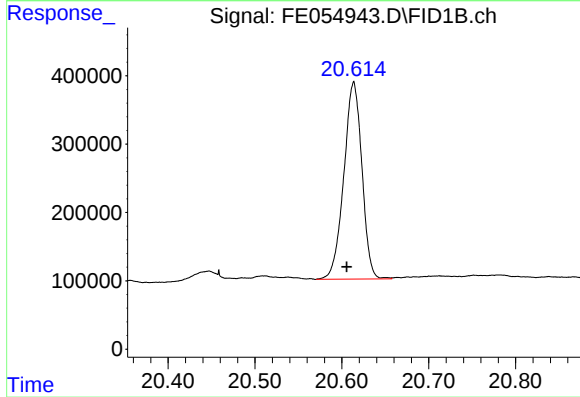
#18 n-Dotriacontane (C32)

R.T.: 19.088 min
Delta R.T.: 0.007 min
Response: 4154275
Conc: 25.68 ug/ml



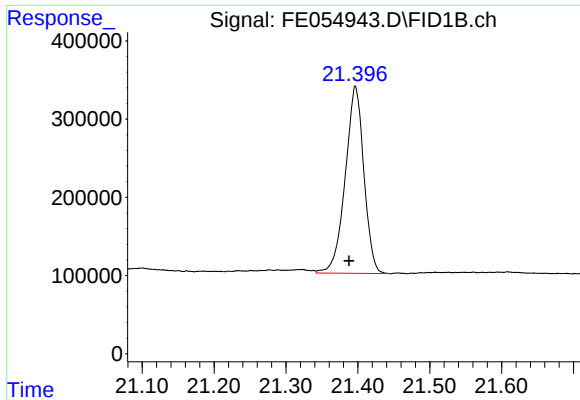
#19 n-Tetratriacontane (C34)

R.T.: 19.873 min
Delta R.T.: 0.007 min
Response: 4343269
Conc: 28.50 ug/ml



#20 n-Hexatriacontane (C36)

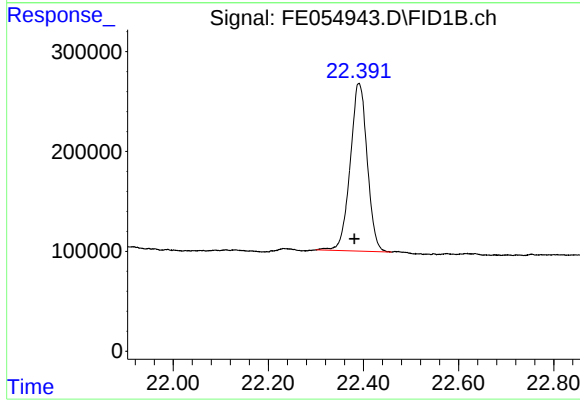
R.T.: 20.614 min
Delta R.T.: 0.008 min
Response: 4177144
Conc: 31.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.397 min
Delta R.T.: 0.009 min
Response: 4296658
Conc: 36.63 ug/ml

Instrument :
FID_E
ClientSampleId :
RT2286MSD



#22 n-Tetracontane (C40)

R.T.: 22.390 min
Delta R.T.: 0.010 min
Response: 4170336
Conc: 38.48 ug/ml