

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
 Data File : FE054931.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2025 17:27
 Operator : YP\AJ
 Sample : Q2618-08MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 6MSD

Integration File: autoint1.e
 Quant Time: Jul 18 23:11:58 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)	12.088	5757319	35.453 ug/ml
Spiked Amount 50.000		Recovery =	70.91%
12) S 1-chlorooctadecane (S...	13.523	4513885	35.741 ug/ml
Spiked Amount 50.000		Recovery =	71.48%
Target Compounds			
1) T n-Nonane (C9)	3.438	4315123	32.081 ug/ml
2) T n-Decane (C10)	4.690	4574550	33.526 ug/ml
3) T A~Naphthalene (C11.7)	6.405	5506467	36.367 ug/ml
4) T n-Dodecane (C12)	6.860	4767869	34.749 ug/ml
5) T A~2-methylnaphthalene...	7.505	5079994	34.557 ug/ml
6) T n-Tetradecane (C14)	8.697	4808089	34.684 ug/ml
7) T n-Hexadecane (C16)	10.311	4842515	33.980 ug/ml
8) T n-Octadecane (C18)	11.761	4838251	33.013 ug/ml
10) T n-Eicosane (C20)	13.075	4907414	34.128 ug/ml
11) T n-Heneicosane (C21)	13.690	4638618	32.476 ug/ml
13) T n-Docosane (C22)	14.278	4613342	32.309 ug/ml
14) T n-Tetracosane (C24)	15.384	9540809	65.634 ug/ml
15) T n-Hexacosane (C26)	16.409	4478898	30.950 ug/ml
16) T n-Octacosane (C28)	17.360	4438833	30.458 ug/ml
17) T n-Tricontane (C30)	18.251	4573186	29.021 ug/ml
18) T n-Dotriacontane (C32)	19.083	4551723	28.134 ug/ml
19) T n-Tetratriacontane (C34)	19.868	4805045	31.531 ug/ml
20) T n-Hexatriacontane (C36)	20.609	4663598	34.685 ug/ml
21) T n-Octatriacontane (C38)	21.390	4914884	41.906 ug/ml
22) T n-Tetracontane (C40)	22.381	4937886	45.559 ug/ml

(f)=RT Delta > 1/2 Window

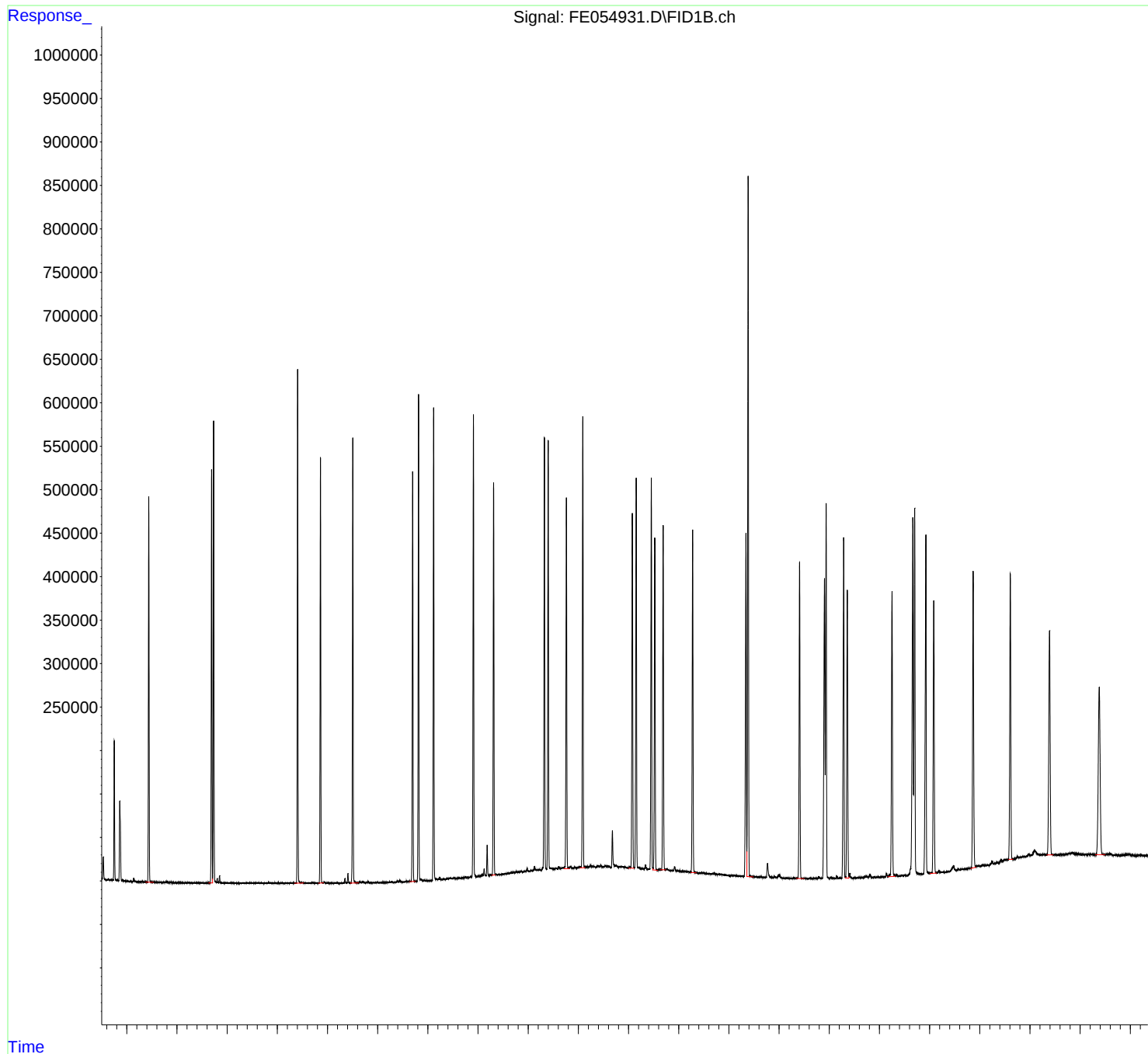
(m)=manual int.

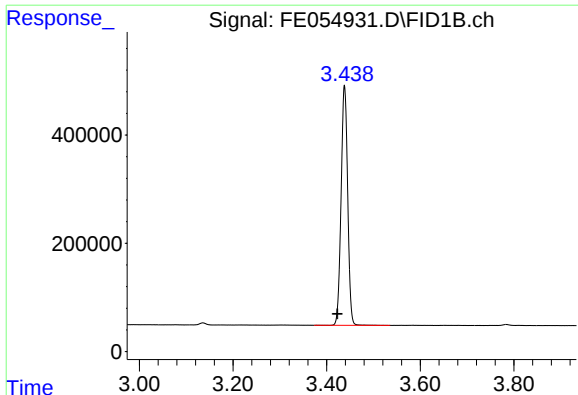
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Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

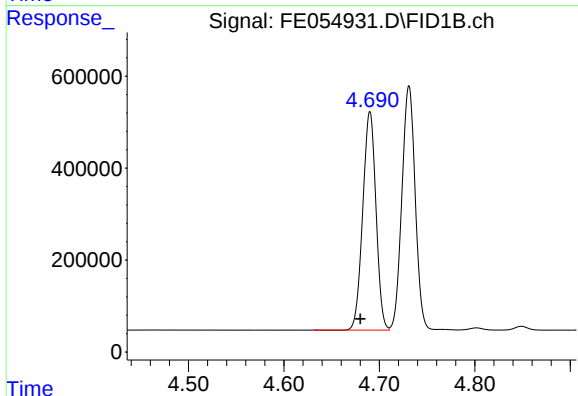




#1 n-Nonane (C9)

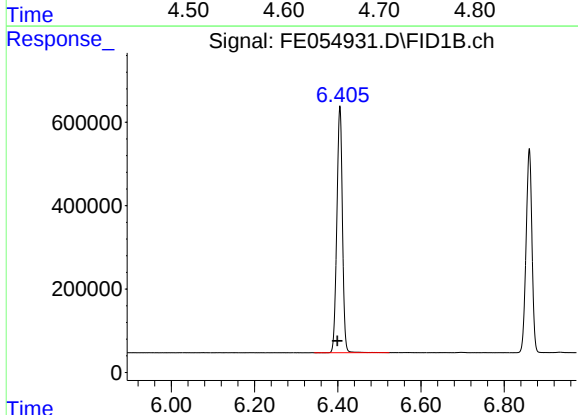
R.T.: 3.438 min
Delta R.T.: 0.015 min
Response: 4315123
Conc: 32.08 ug/ml

Instrument :
FID_E
ClientSampleId :
6MSD



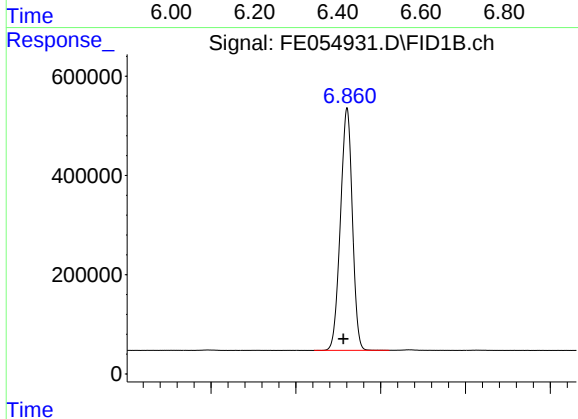
#2 n-Decane (C10)

R.T.: 4.690 min
Delta R.T.: 0.010 min
Response: 4574550
Conc: 33.53 ug/ml



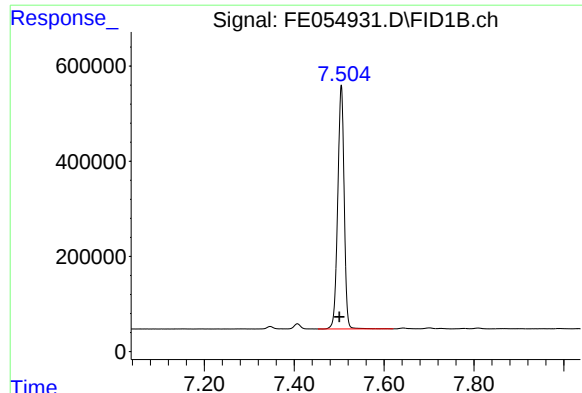
#3 A~Naphthalene (C11.7)

R.T.: 6.405 min
Delta R.T.: 0.006 min
Response: 5506467
Conc: 36.37 ug/ml



#4 n-Dodecane (C12)

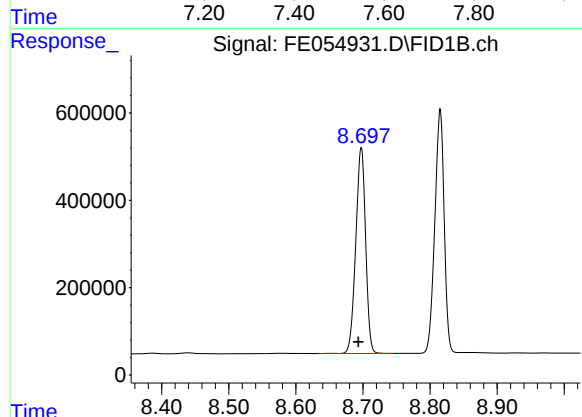
R.T.: 6.860 min
Delta R.T.: 0.004 min
Response: 4767869
Conc: 34.75 ug/ml



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

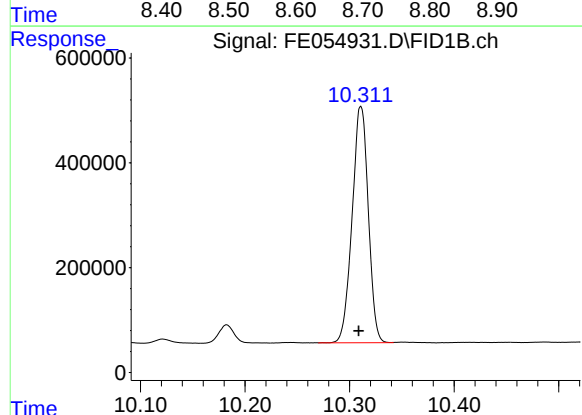
R.T.: 7.505 min
Delta R.T.: 0.004 min
Response: 5079994
Conc: 34.56 ug/ml

Instrument :
FID_E
ClientSampleId :
6MSD



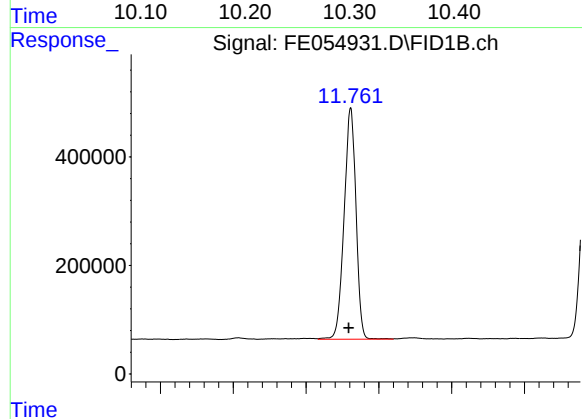
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.004 min
Response: 4808089
Conc: 34.68 ug/ml



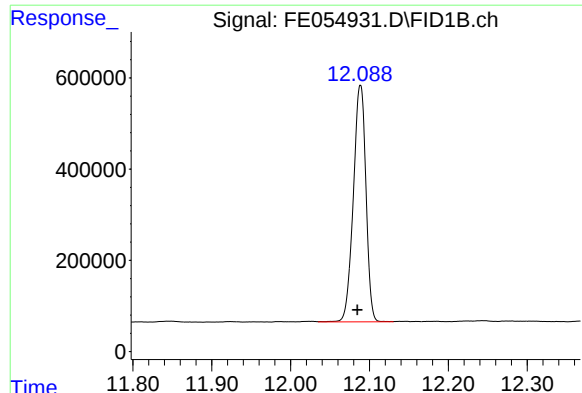
#7 n-Hexadecane (C16)

R.T.: 10.311 min
Delta R.T.: 0.002 min
Response: 4842515
Conc: 33.98 ug/ml



#8 n-Octadecane (C18)

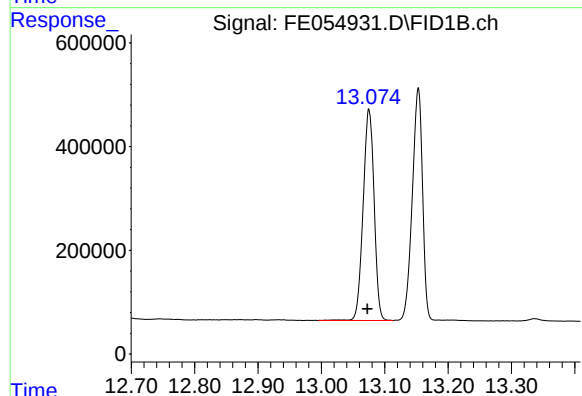
R.T.: 11.761 min
Delta R.T.: 0.003 min
Response: 4838251
Conc: 33.01 ug/ml



#9 ortho-Terphenyl (SURR)

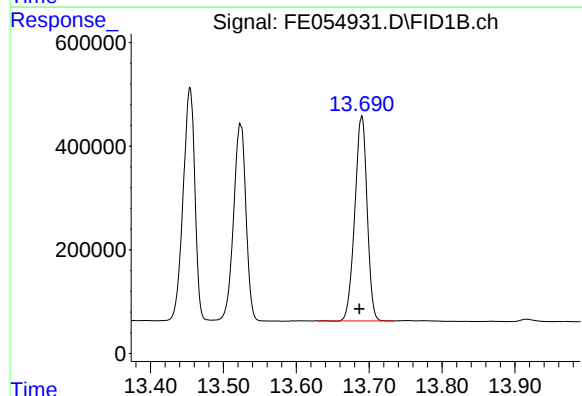
R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 5757319
Conc: 35.45 ug/ml

Instrument :
FID_E
ClientSampleId :
6MSD



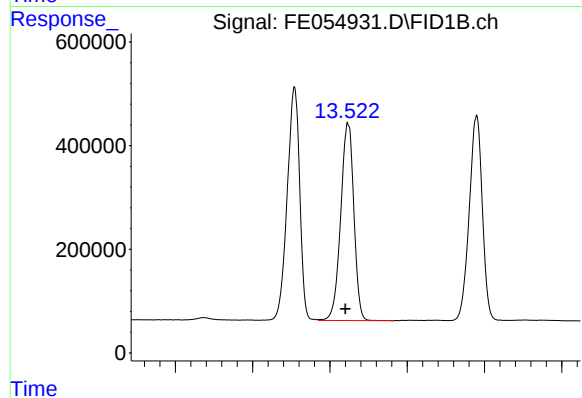
#10 n-Eicosane (C20)

R.T.: 13.075 min
Delta R.T.: 0.003 min
Response: 4907414
Conc: 34.13 ug/ml



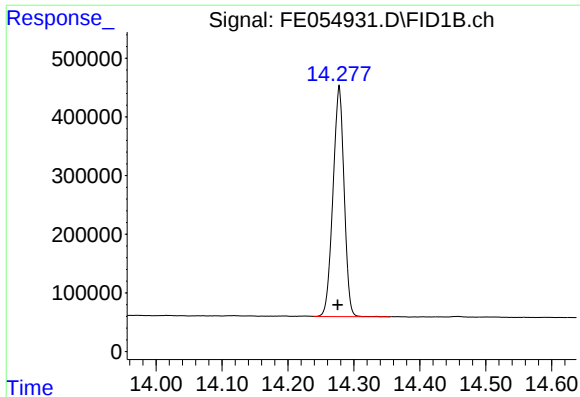
#11 n-Heneicosane (C21)

R.T.: 13.690 min
Delta R.T.: 0.003 min
Response: 4638618
Conc: 32.48 ug/ml



#12 1-chlorooctadecane (SURR)

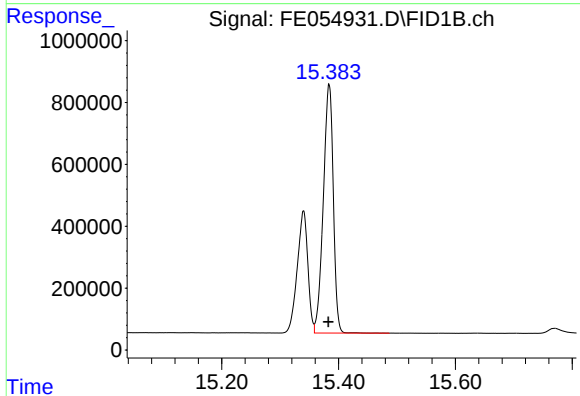
R.T.: 13.523 min
Delta R.T.: 0.003 min
Response: 4513885
Conc: 35.74 ug/ml



#13 n-Docosane (C22)

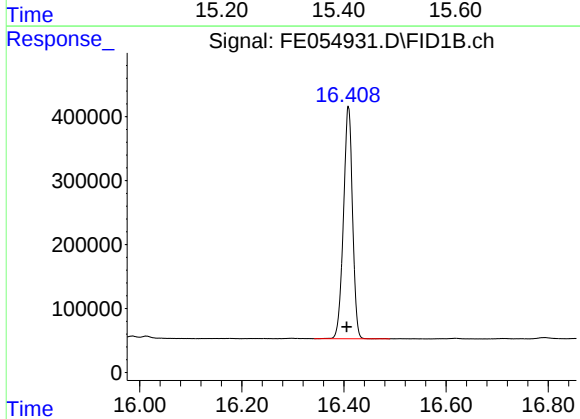
R.T.: 14.278 min
Delta R.T.: 0.002 min
Response: 4613342
Conc: 32.31 ug/ml

Instrument :
FID_E
ClientSampleId :
6MSD



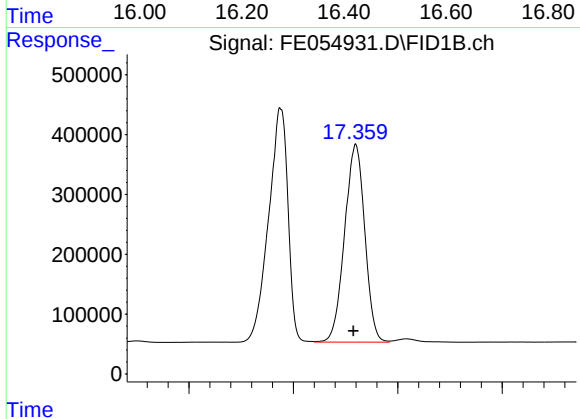
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: 0.001 min
Response: 9540809
Conc: 65.63 ug/ml



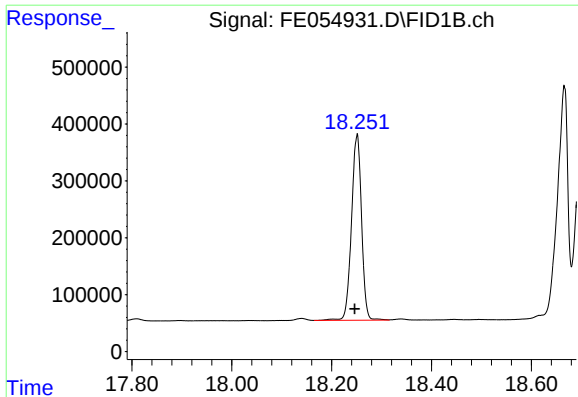
#15 n-Hexacosane (C26)

R.T.: 16.409 min
Delta R.T.: 0.004 min
Response: 4478898
Conc: 30.95 ug/ml



#16 n-Octacosane (C28)

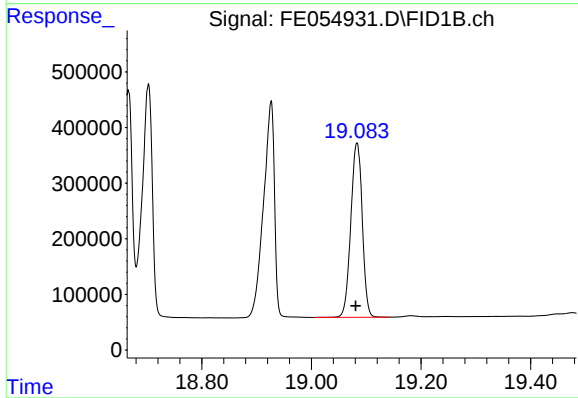
R.T.: 17.360 min
Delta R.T.: 0.002 min
Response: 4438833
Conc: 30.46 ug/ml



#17 n-Tricontane (C30)

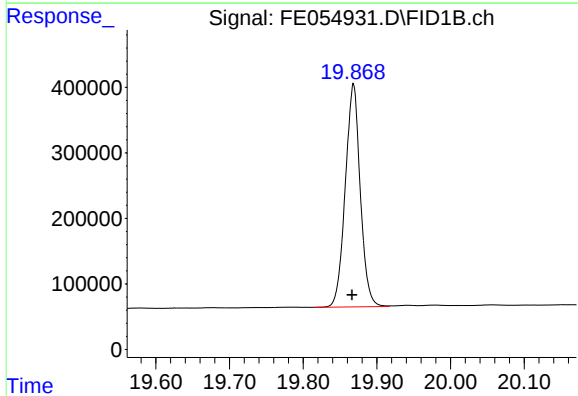
R.T.: 18.251 min
Delta R.T.: 0.004 min
Response: 4573186
Conc: 29.02 ug/ml

Instrument :
FID_E
ClientSampleId :
6MSD



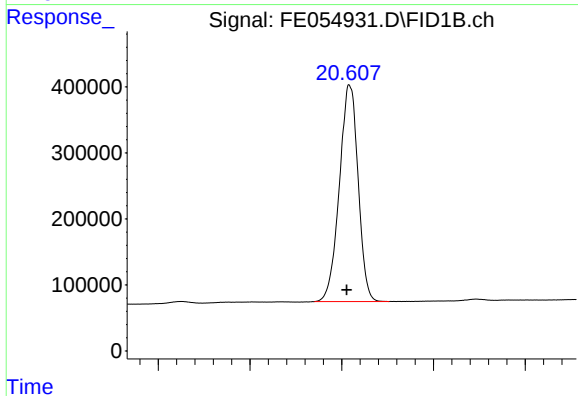
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: 0.002 min
Response: 4551723
Conc: 28.13 ug/ml



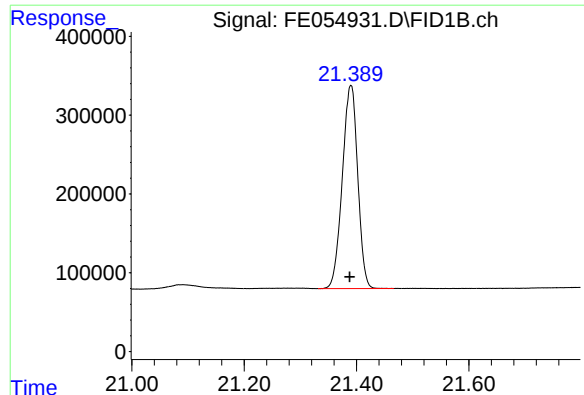
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.002 min
Response: 4805045
Conc: 31.53 ug/ml



#20 n-Hexatriacontane (C36)

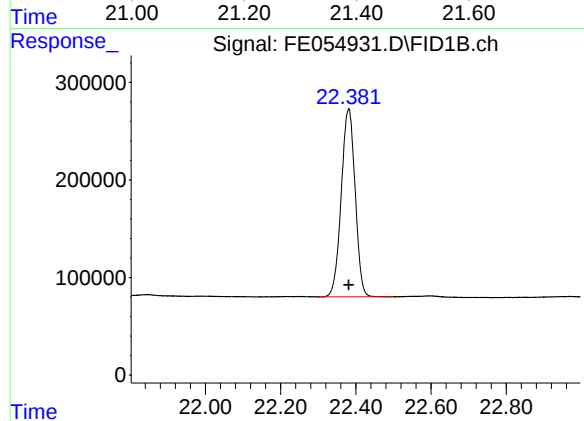
R.T.: 20.609 min
Delta R.T.: 0.003 min
Response: 4663598
Conc: 34.69 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.390 min
Delta R.T.: 0.002 min
Response: 4914884
Conc: 41.91 ug/ml

Instrument :
FID_E
ClientSampleId :
6MSD



#22 n-Tetracontane (C40)

R.T.: 22.381 min
Delta R.T.: 0.000 min
Response: 4937886
Conc: 45.56 ug/ml