

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120225AL\
 Data File : FE057149.D
 Signal(s) : FID1B.ch
 Acq On : 03 Dec 2025 06:01
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 03 06:35:21 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)	11.937	4374488	19.935 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
12) S 1-chlorooctadecane (S...	13.375	3314264	19.914 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
Target Compounds			
1) T n-Nonane (C9)	3.295	3952423	20.205 ug/ml
2) T n-Decane (C10)	4.548	4053715	20.042 ug/ml
3) T A~Naphthalene (C11.7)	6.265	4079941	20.265 ug/ml
4) T n-Dodecane (C12)	6.721	4103284	20.105 ug/ml
5) T A~2-methylnaphthalene...	7.365	3839102	19.980 ug/ml
6) T n-Tetradecane (C14)	8.554	4029383	20.019 ug/ml
7) T n-Hexadecane (C16)	10.166	4105351	20.019 ug/ml
8) T n-Octadecane (C18)	11.614	4102982	19.906 ug/ml
10) T n-Eicosane (C20)	12.927	3897888	19.815 ug/ml
11) T n-Heneicosane (C21)	13.540	3806307	19.812 ug/ml
13) T n-Docosane (C22)	14.128	3763222	19.494 ug/ml
14) T n-Tetracosane (C24)	15.234	3712595	18.745 ug/ml
15) T n-Hexacosane (C26)	16.258	3666175	18.480 ug/ml
16) T n-Octacosane (C28)	17.210	3633063	17.679 ug/ml
17) T n-Tricontane (C30)	18.100	3720874	16.580 ug/ml
18) T n-Dotriacontane (C32)	18.935	3661532	15.685 ug/ml
19) T n-Tetratriacontane (C34)	19.720	3542446	16.586 ug/ml
20) T n-Hexatriacontane (C36)	20.463	3243391	17.425 ug/ml
21) T n-Octatriacontane (C38)	21.209	3049856	17.598 ug/ml
22) T n-Tetracontane (C40)	22.140	3023783	17.944 ug/ml

(f)=RT Delta > 1/2 Window

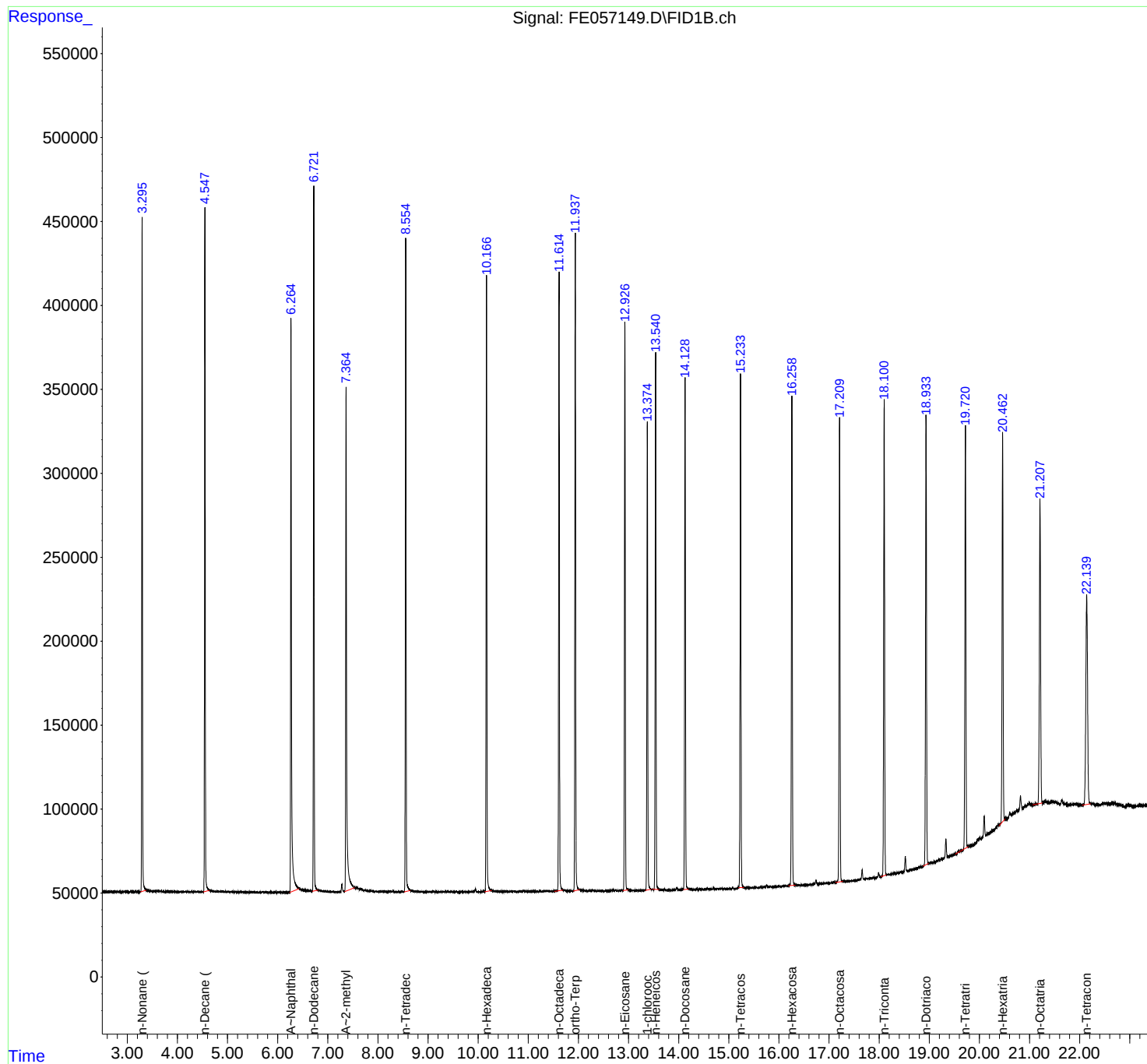
(m)=manual int.

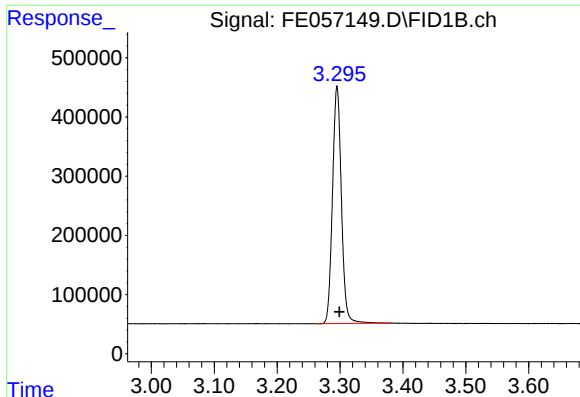
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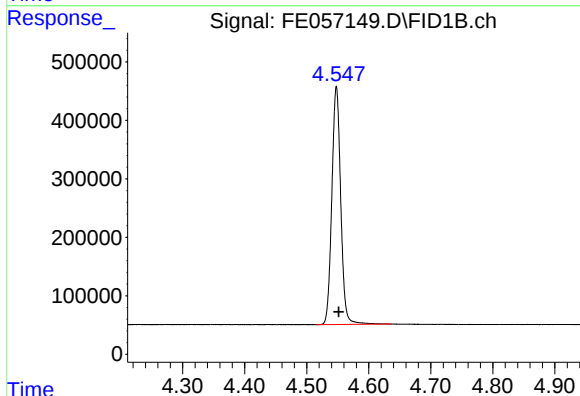




#1 n-Nonane (C9)

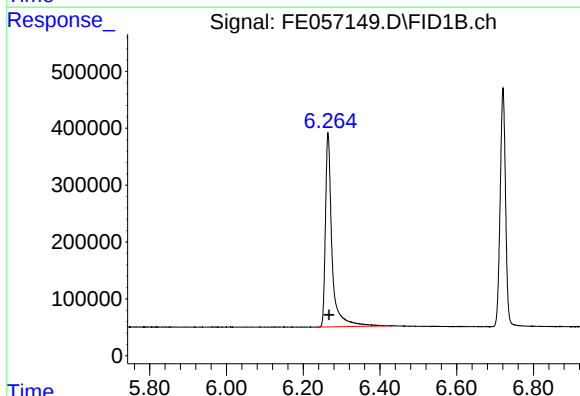
R.T.: 3.295 min
Delta R.T.: -0.004 min
Response: 3952423
Conc: 20.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



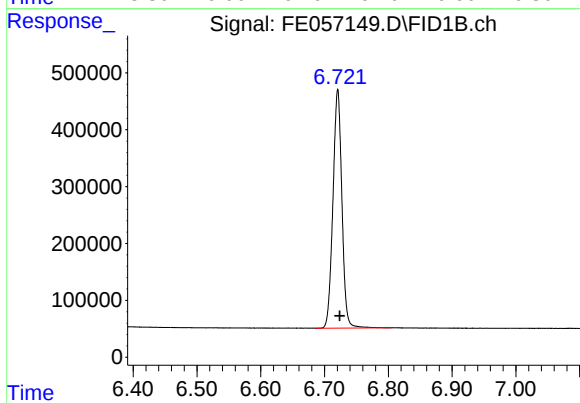
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.004 min
Response: 4053715
Conc: 20.04 ug/ml



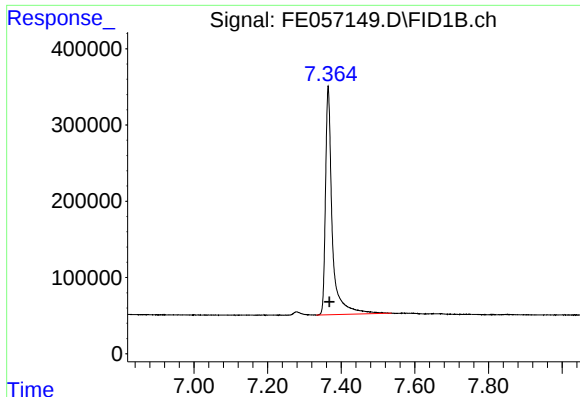
#3 A~Naphthalene (C11.7)

R.T.: 6.265 min
Delta R.T.: -0.003 min
Response: 4079941
Conc: 20.26 ug/ml



#4 n-Dodecane (C12)

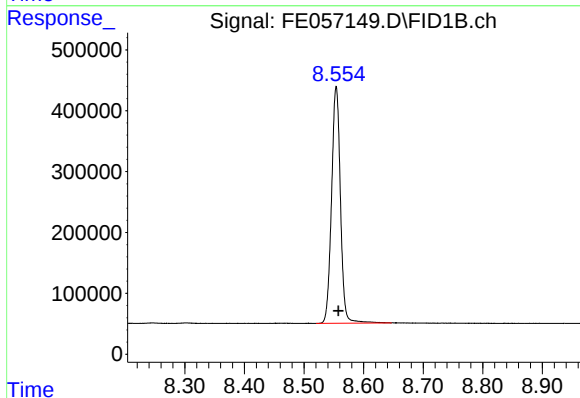
R.T.: 6.721 min
Delta R.T.: -0.003 min
Response: 4103284
Conc: 20.10 ug/ml



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

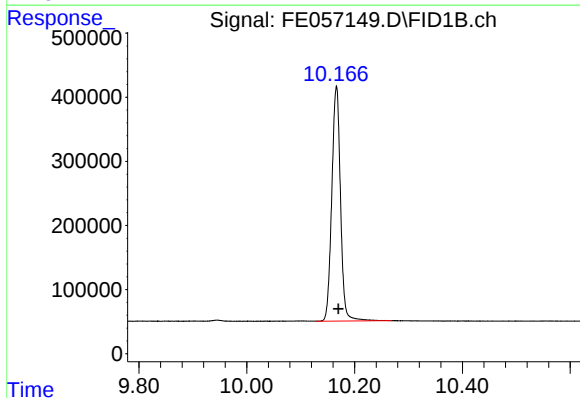
R.T.: 7.365 min
Delta R.T.: -0.003 min
Response: 3839102
Conc: 19.98 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



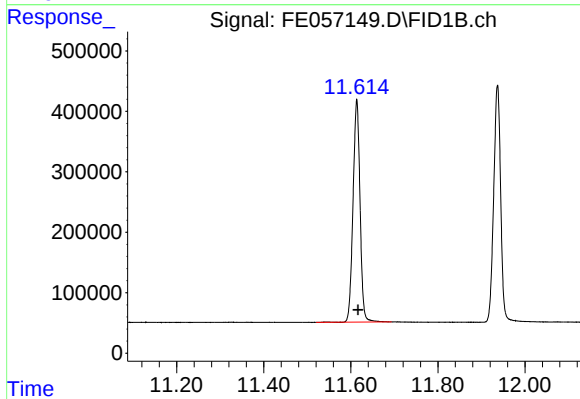
#6 n-Tetradecane (C14)

R.T.: 8.554 min
Delta R.T.: -0.004 min
Response: 4029383
Conc: 20.02 ug/ml



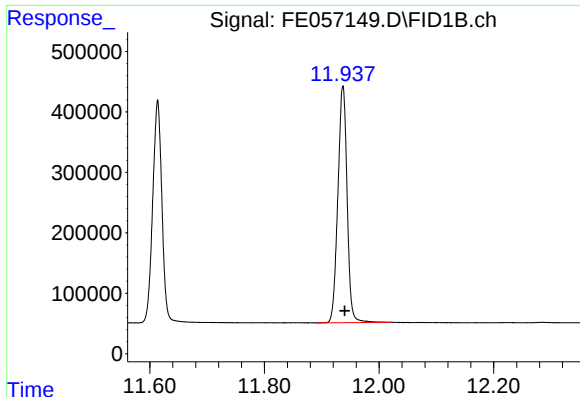
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: -0.004 min
Response: 4105351
Conc: 20.02 ug/ml



#8 n-Octadecane (C18)

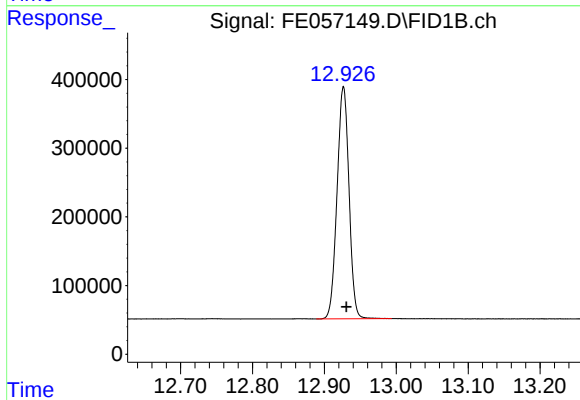
R.T.: 11.614 min
Delta R.T.: -0.003 min
Response: 4102982
Conc: 19.91 ug/ml



#9 ortho-Terphenyl (SURR)

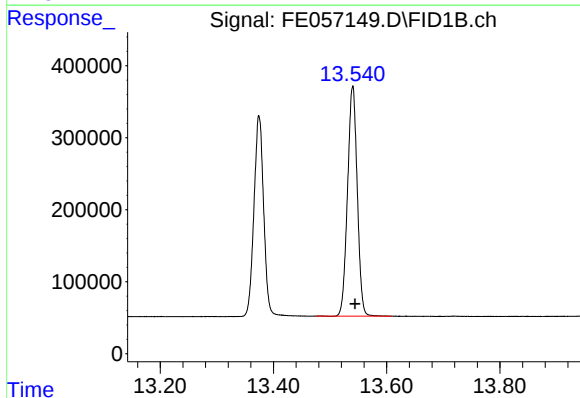
R.T.: 11.937 min
Delta R.T.: -0.003 min
Response: 4374488
Conc: 19.93 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



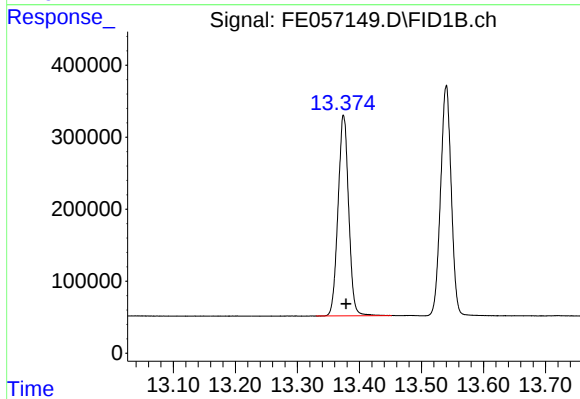
#10 n-Eicosane (C20)

R.T.: 12.927 min
Delta R.T.: -0.004 min
Response: 3897888
Conc: 19.82 ug/ml



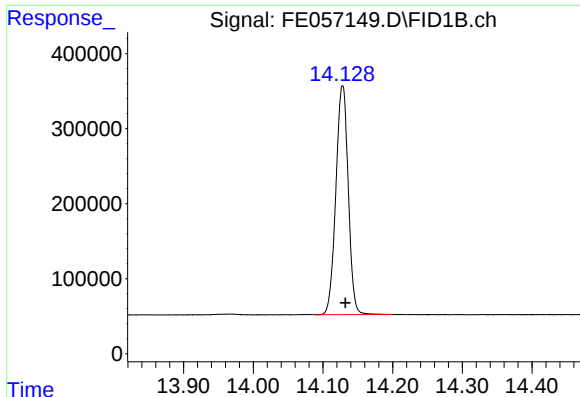
#11 n-Heneicosane (C21)

R.T.: 13.540 min
Delta R.T.: -0.004 min
Response: 3806307
Conc: 19.81 ug/ml



#12 1-chlorooctadecane (SURR)

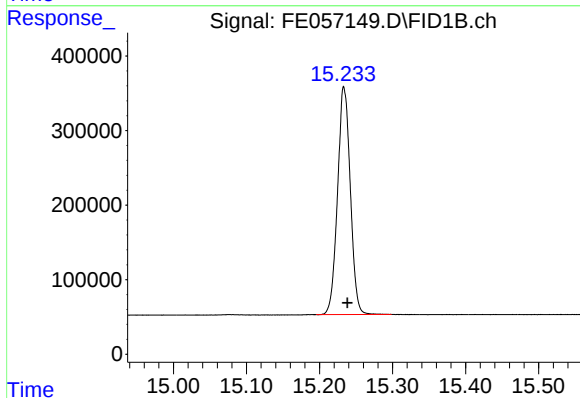
R.T.: 13.375 min
Delta R.T.: -0.004 min
Response: 3314264
Conc: 19.91 ug/ml



#13 n-Docosane (C22)

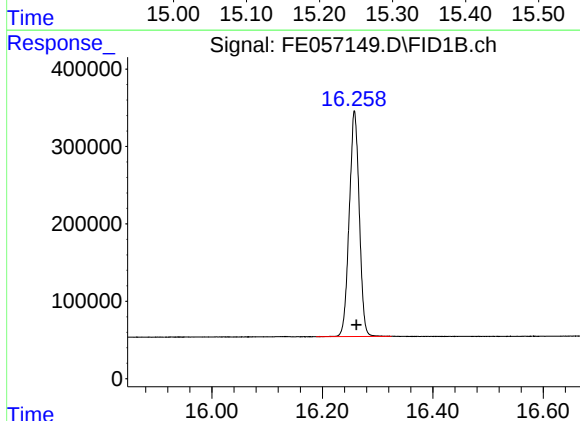
R.T.: 14.128 min
Delta R.T.: -0.004 min
Response: 3763222
Conc: 19.49 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



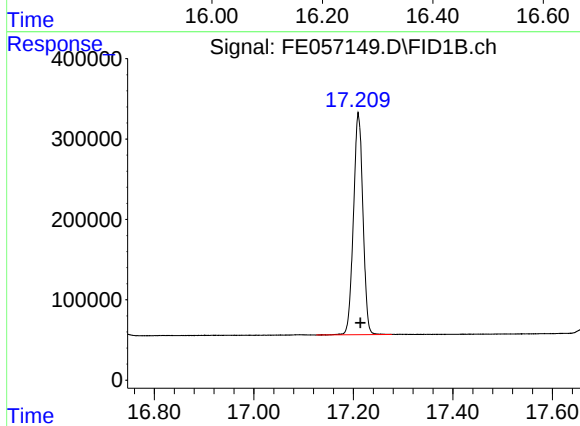
#14 n-Tetracosane (C24)

R.T.: 15.234 min
Delta R.T.: -0.005 min
Response: 3712595
Conc: 18.75 ug/ml



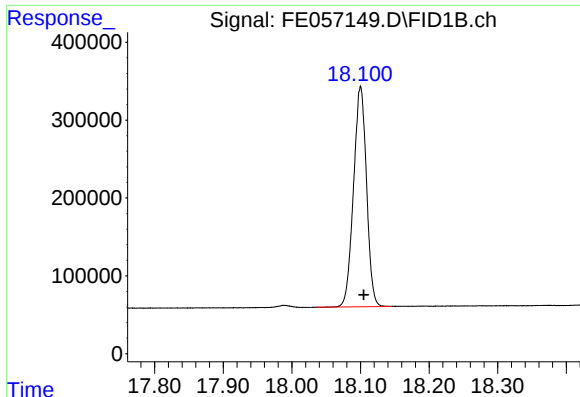
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: -0.003 min
Response: 3666175
Conc: 18.48 ug/ml



#16 n-Octacosane (C28)

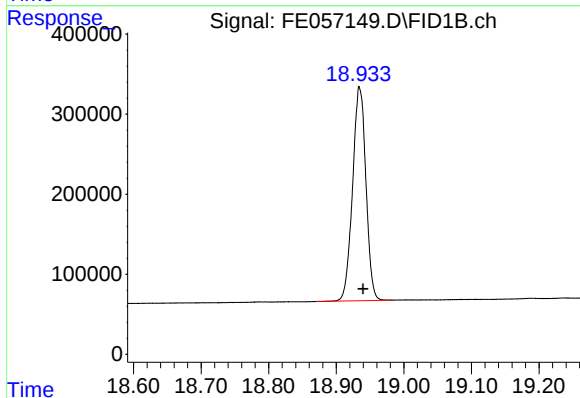
R.T.: 17.210 min
Delta R.T.: -0.004 min
Response: 3633063
Conc: 17.68 ug/ml



#17 n-Tricontane (C30)

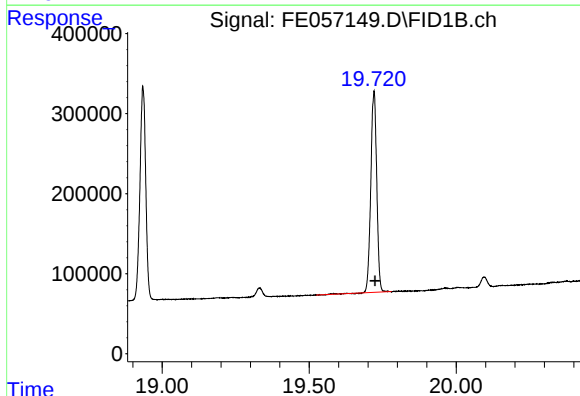
R.T.: 18.100 min
Delta R.T.: -0.005 min
Response: 3720874
Conc: 16.58 ug/ml

Instrument :
FID_E
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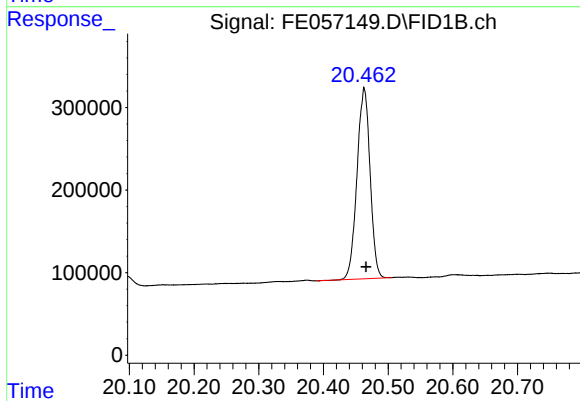
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.005 min
Response: 3661532
Conc: 15.69 ug/ml



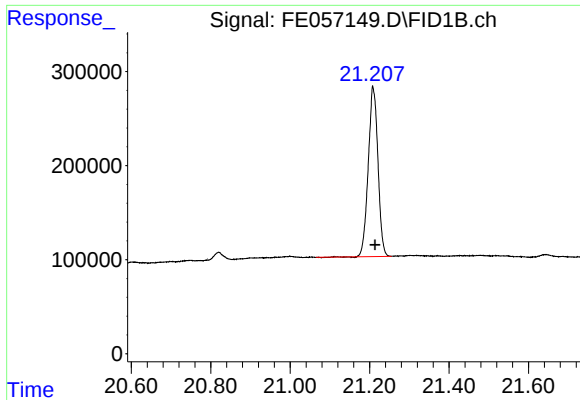
#19 n-Tetratriacontane (C34)

R.T.: 19.720 min
Delta R.T.: -0.005 min
Response: 3542446
Conc: 16.59 ug/ml



#20 n-Hexatriacontane (C36)

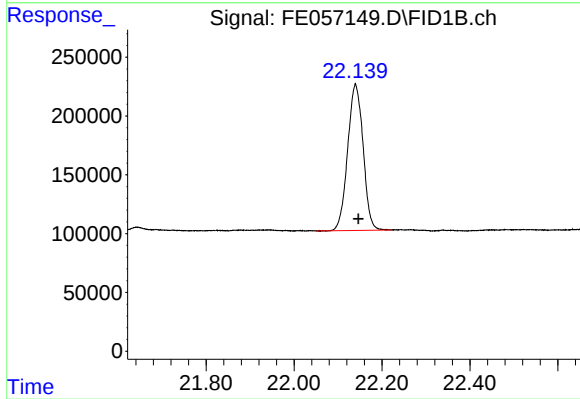
R.T.: 20.463 min
Delta R.T.: -0.003 min
Response: 3243391
Conc: 17.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: -0.005 min
Response: 3049856
Conc: 17.60 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.140 min
Delta R.T.: -0.007 min
Response: 3023783
Conc: 17.94 ug/ml