

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112025AL\
 Data File : FE056967.D
 Signal(s) : FID1B.ch
 Acq On : 20 Nov 2025 18:35
 Operator : YP\AJ
 Sample : Q3681-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ETGI-354MSD

Integration File: autoint1.e
 Quant Time: Nov 20 22:31:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 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)	11.947	7025010	33.627 ug/ml
Spiked Amount 50.000		Recovery =	67.25%
12) S 1-chlorooctadecane (S...	13.383	4789547	29.727 ug/ml
Spiked Amount 50.000		Recovery =	59.45%
Target Compounds			
1) T n-Nonane (C9)	3.305	3309027	19.701 ug/ml
2) T n-Decane (C10)	4.559	3809719	22.202 ug/ml
3) T A~Naphthalene (C11.7)	6.274	4793566	25.969 ug/ml
4) T n-Dodecane (C12)	6.731	4404450	25.323 ug/ml
5) T A~2-methylnaphthalene...	7.373	4480119	25.280 ug/ml
6) T n-Tetradecane (C14)	8.566	5076966	29.086 ug/ml
7) T n-Hexadecane (C16)	10.176	5558210	30.380 ug/ml
8) T n-Octadecane (C18)	11.624	5612234	29.652 ug/ml
10) T n-Eicosane (C20)	12.937	5671113	30.430 ug/ml
11) T n-Heneicosane (C21)	13.550	5531184	30.080 ug/ml
13) T n-Docosane (C22)	14.137	5483658	29.293 ug/ml
14) T n-Tetracosane (C24)	15.244	11731516	59.896 ug/ml
15) T n-Hexacosane (C26)	16.267	5302196	27.283 ug/ml
16) T n-Octacosane (C28)	17.218	5289830	27.315 ug/ml
17) T n-Tricontane (C30)	18.109	5090655	25.390 ug/ml
18) T n-Dotriacontane (C32)	18.941	5092728	25.897 ug/ml
19) T n-Tetratriacontane (C34)	19.727	4867993	28.202 ug/ml
20) T n-Hexatriacontane (C36)	20.468	4837207	33.439 ug/ml
21) T n-Octatriacontane (C38)	21.216	4831780	38.390 ug/ml
22) T n-Tetracontane (C40)	22.147	4970946	42.996 ug/ml

(f)=RT Delta > 1/2 Window

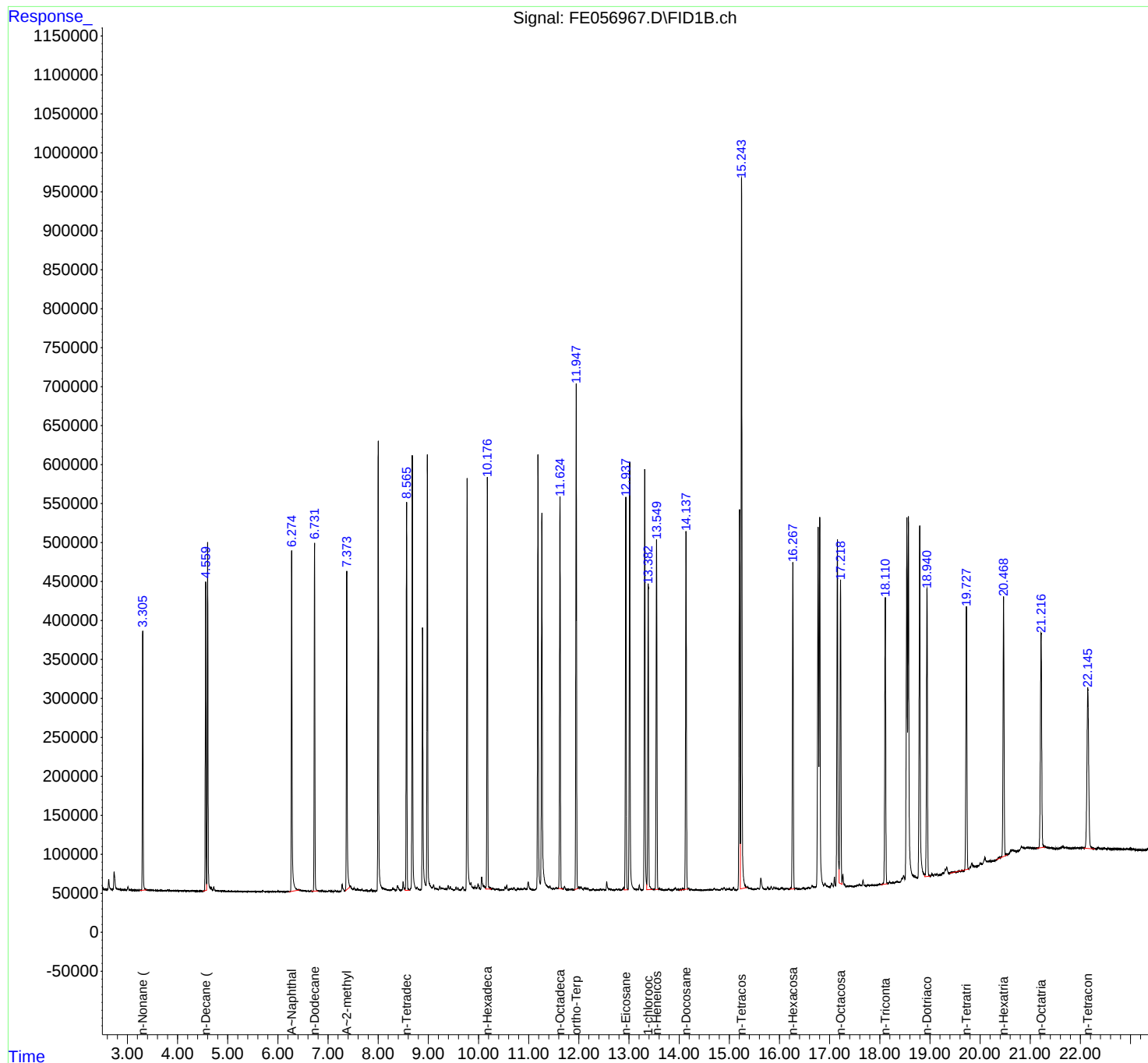
(m)=manual int.

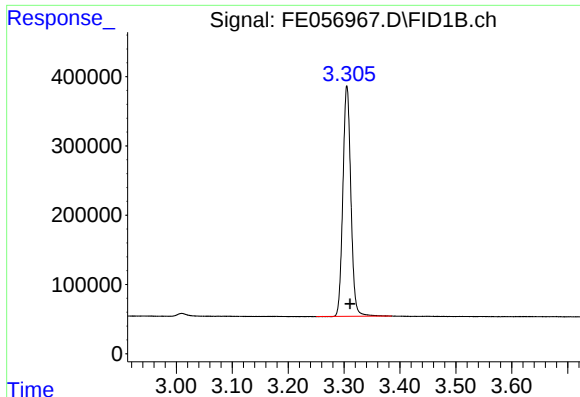
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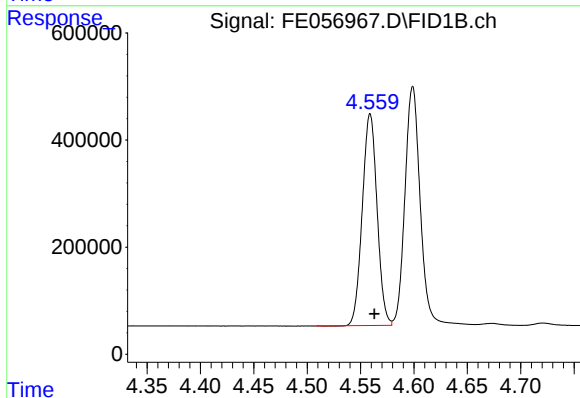




#1 n-Nonane (C9)

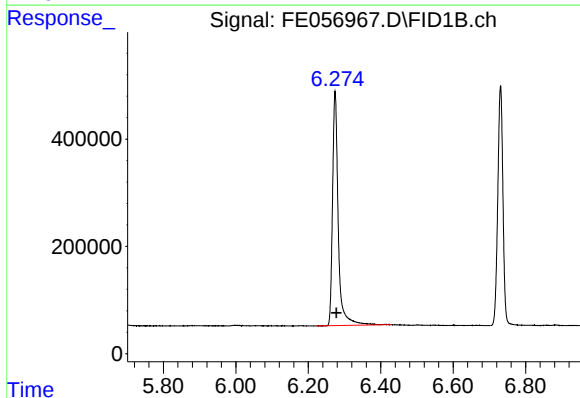
R.T.: 3.305 min
Delta R.T.: -0.006 min
Response: 3309027
Conc: 19.70 ug/ml

Instrument :
FID_E
ClientSampleId :
ETGI-354MSD



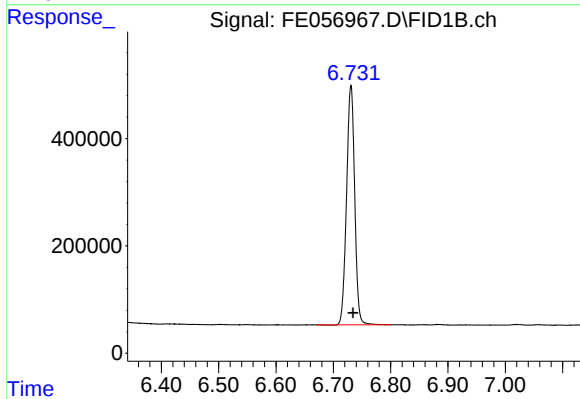
#2 n-Decane (C10)

R.T.: 4.559 min
Delta R.T.: -0.004 min
Response: 3809719
Conc: 22.20 ug/ml



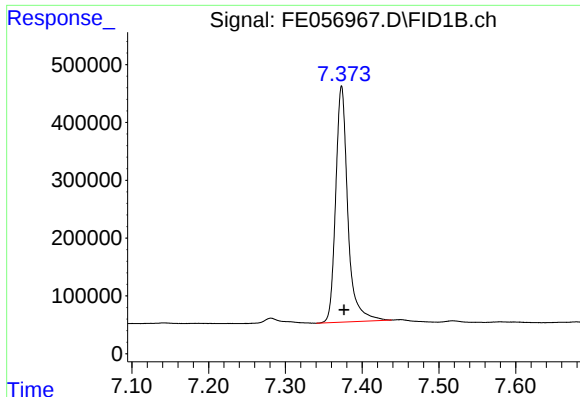
#3 A~Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.003 min
Response: 4793566
Conc: 25.97 ug/ml



#4 n-Dodecane (C12)

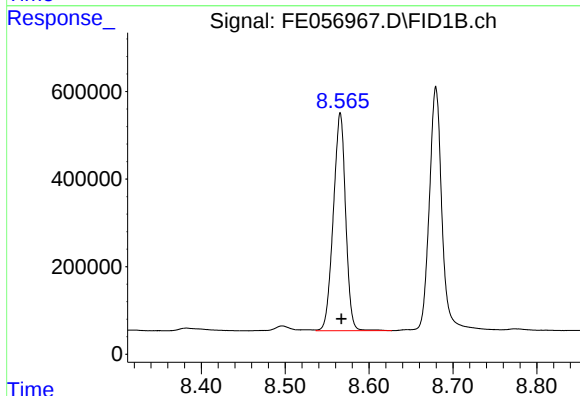
R.T.: 6.731 min
Delta R.T.: -0.004 min
Response: 4404450
Conc: 25.32 ug/ml



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

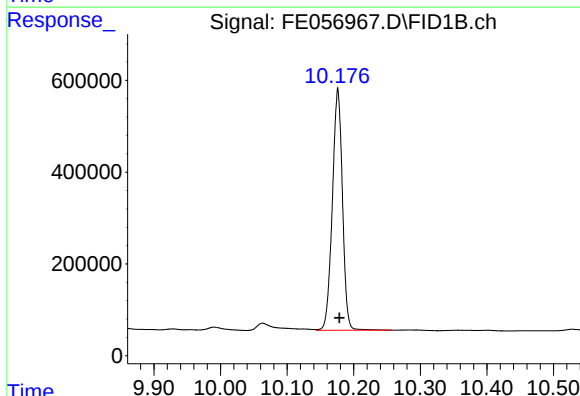
R.T.: 7.373 min
Delta R.T.: -0.003 min
Response: 4480119
Conc: 25.28 ug/ml

Instrument :
FID_E
ClientSampleId :
ETGI-354MSD



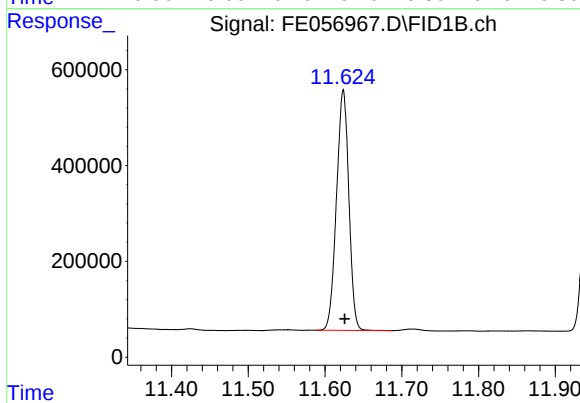
#6 n-Tetradecane (C14)

R.T.: 8.566 min
Delta R.T.: -0.002 min
Response: 5076966
Conc: 29.09 ug/ml



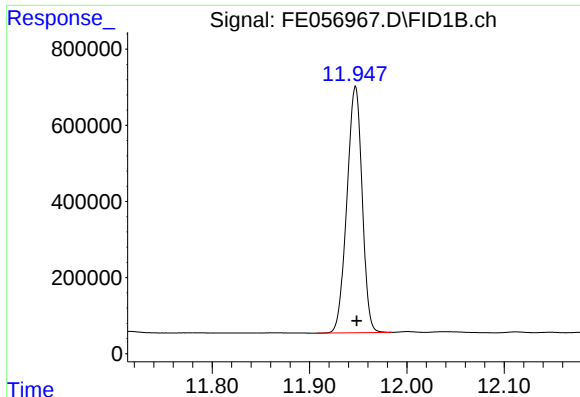
#7 n-Hexadecane (C16)

R.T.: 10.176 min
Delta R.T.: -0.002 min
Response: 5558210
Conc: 30.38 ug/ml



#8 n-Octadecane (C18)

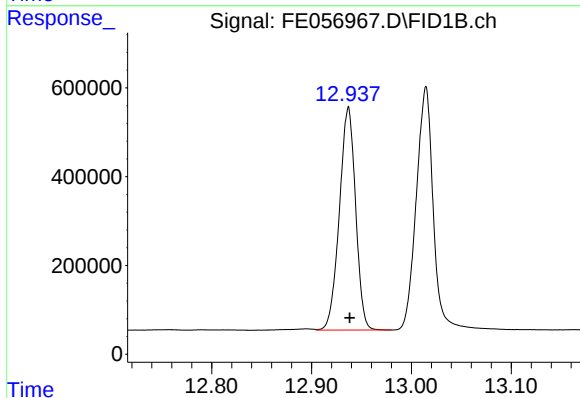
R.T.: 11.624 min
Delta R.T.: -0.002 min
Response: 5612234
Conc: 29.65 ug/ml



#9 ortho-Terphenyl (SURR)

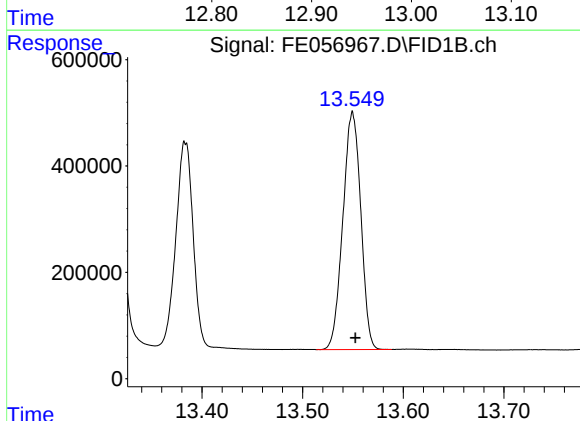
R.T.: 11.947 min
Delta R.T.: -0.001 min
Response: 7025010
Conc: 33.63 ug/ml

Instrument :
FID_E
ClientSampleId :
ETGI-354MSD



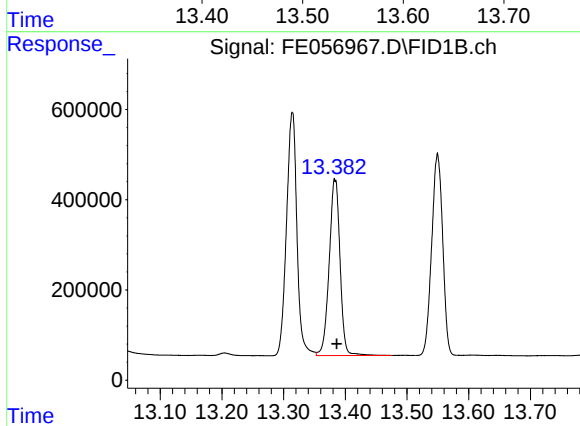
#10 n-Eicosane (C20)

R.T.: 12.937 min
Delta R.T.: -0.002 min
Response: 5671113
Conc: 30.43 ug/ml



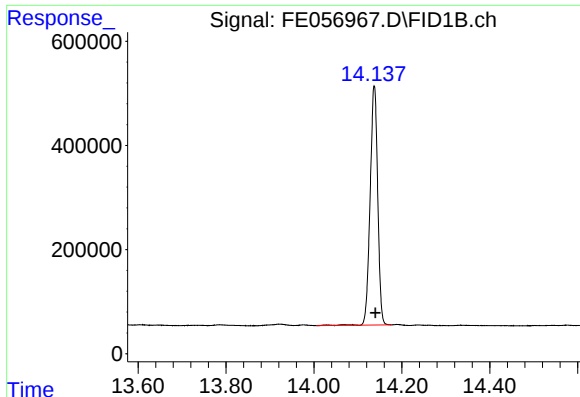
#11 n-Heneicosane (C21)

R.T.: 13.550 min
Delta R.T.: -0.003 min
Response: 5531184
Conc: 30.08 ug/ml



#12 1-chlorooctadecane (SURR)

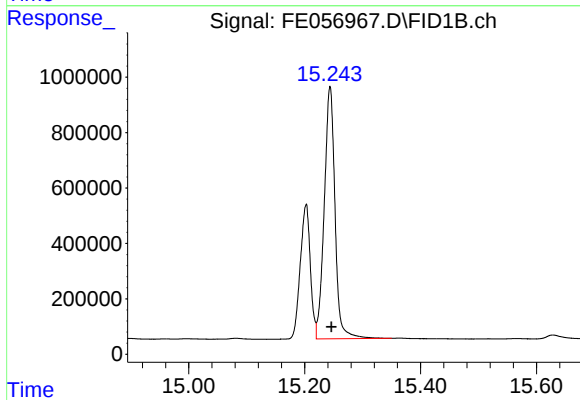
R.T.: 13.383 min
Delta R.T.: -0.003 min
Response: 4789547
Conc: 29.73 ug/ml



#13 n-Docosane (C22)

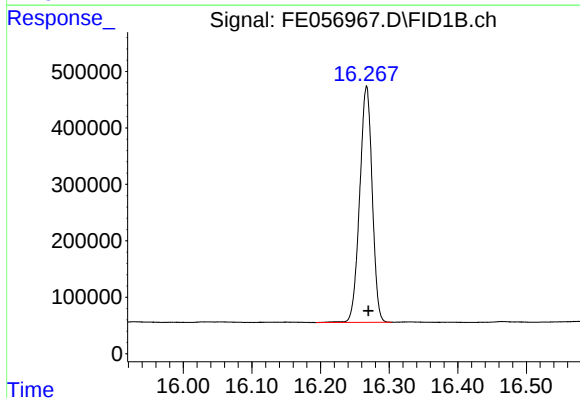
R.T.: 14.137 min
Delta R.T.: -0.002 min
Response: 5483658
Conc: 29.29 ug/ml

Instrument :
FID_E
ClientSampleId :
ETGI-354MSD



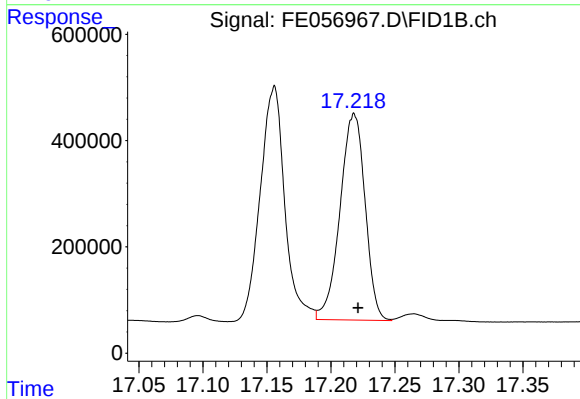
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: -0.002 min
Response: 11731516
Conc: 59.90 ug/ml



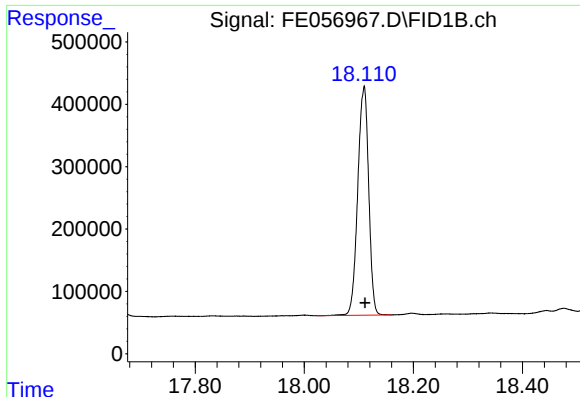
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: -0.003 min
Response: 5302196
Conc: 27.28 ug/ml



#16 n-Octacosane (C28)

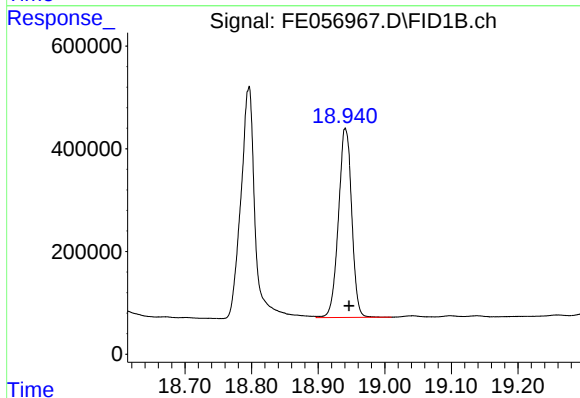
R.T.: 17.218 min
Delta R.T.: -0.003 min
Response: 5289830
Conc: 27.31 ug/ml



#17 n-Tricontane (C30)

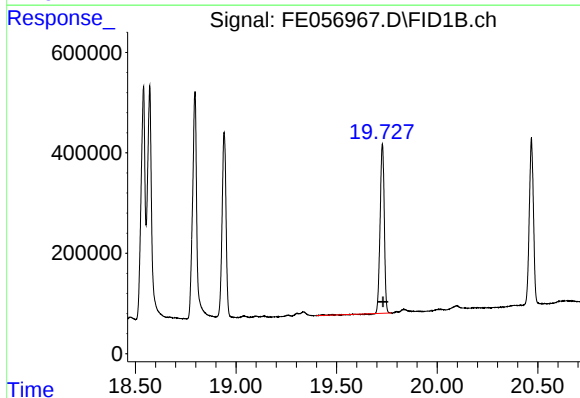
R.T.: 18.109 min
Delta R.T.: -0.002 min
Response: 5090655
Conc: 25.39 ug/ml

Instrument :
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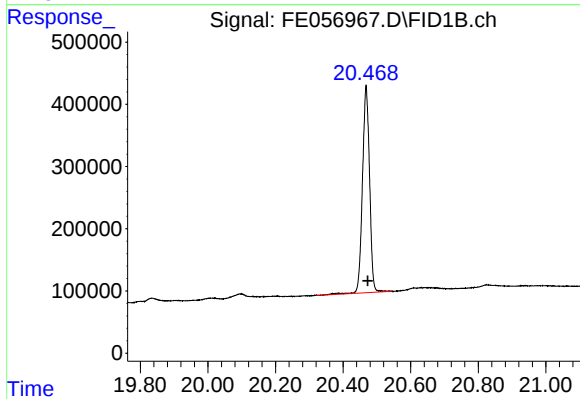
#18 n-Dotriacontane (C32)

R.T.: 18.941 min
Delta R.T.: -0.005 min
Response: 5092728
Conc: 25.90 ug/ml



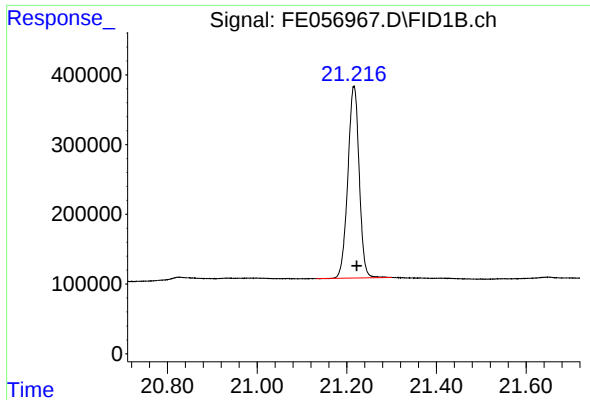
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.004 min
Response: 4867993
Conc: 28.20 ug/ml



#20 n-Hexatriacontane (C36)

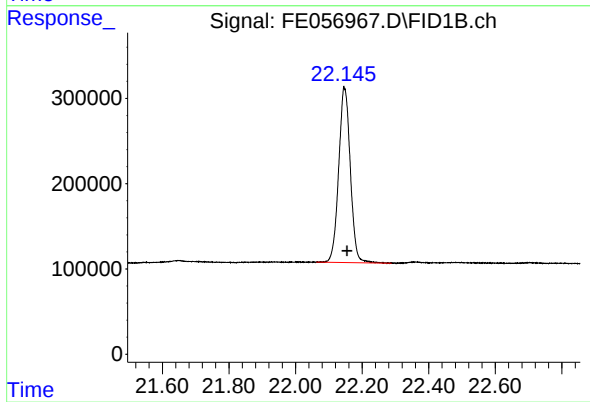
R.T.: 20.468 min
Delta R.T.: -0.004 min
Response: 4837207
Conc: 33.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.216 min
Delta R.T.: -0.006 min
Response: 4831780
Conc: 38.39 ug/ml

Instrument :
FID_E
ClientSampleId :
ETGI-354MSD



#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: -0.008 min
Response: 4970946
Conc: 43.00 ug/ml