

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120525AL\
 Data File : FE057190.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 13:30
 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 05 22:17:41 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)	11.933	5165729	23.540 ug/ml
Spiked Amount 50.000		Recovery =	47.08%
12) S 1-chlorooctadecane (S...	13.370	3907239	23.477 ug/ml
Spiked Amount 50.000		Recovery =	46.95%
Target Compounds			
1) T n-Nonane (C9)	3.293	4665180	23.849 ug/ml
2) T n-Decane (C10)	4.545	4771869	23.593 ug/ml
3) T A~Naphthalene (C11.7)	6.262	4802723	23.855 ug/ml
4) T n-Dodecane (C12)	6.717	4822553	23.629 ug/ml
5) T A~2-methylnaphthalene...	7.362	4509201	23.467 ug/ml
6) T n-Tetradecane (C14)	8.550	4744997	23.574 ug/ml
7) T n-Hexadecane (C16)	10.162	4827563	23.540 ug/ml
8) T n-Octadecane (C18)	11.609	4846954	23.516 ug/ml
10) T n-Eicosane (C20)	12.922	4595640	23.362 ug/ml
11) T n-Heneicosane (C21)	13.535	4492678	23.384 ug/ml
13) T n-Docosane (C22)	14.123	4447552	23.039 ug/ml
14) T n-Tetracosane (C24)	15.228	4385227	22.141 ug/ml
15) T n-Hexacosane (C26)	16.251	4312268	21.736 ug/ml
16) T n-Octacosane (C28)	17.204	4283118	20.842 ug/ml
17) T n-Tricontane (C30)	18.094	4384717	19.537 ug/ml
18) T n-Dotriacontane (C32)	18.928	4306542	18.449 ug/ml
19) T n-Tetratriacontane (C34)	19.713	4086736	19.134 ug/ml
20) T n-Hexatriacontane (C36)	20.455	3690314	19.827 ug/ml
21) T n-Octatriacontane (C38)	21.199	3590927	20.720 ug/ml
22) T n-Tetracontane (C40)	22.129	3590467	21.307 ug/ml

(f)=RT Delta > 1/2 Window

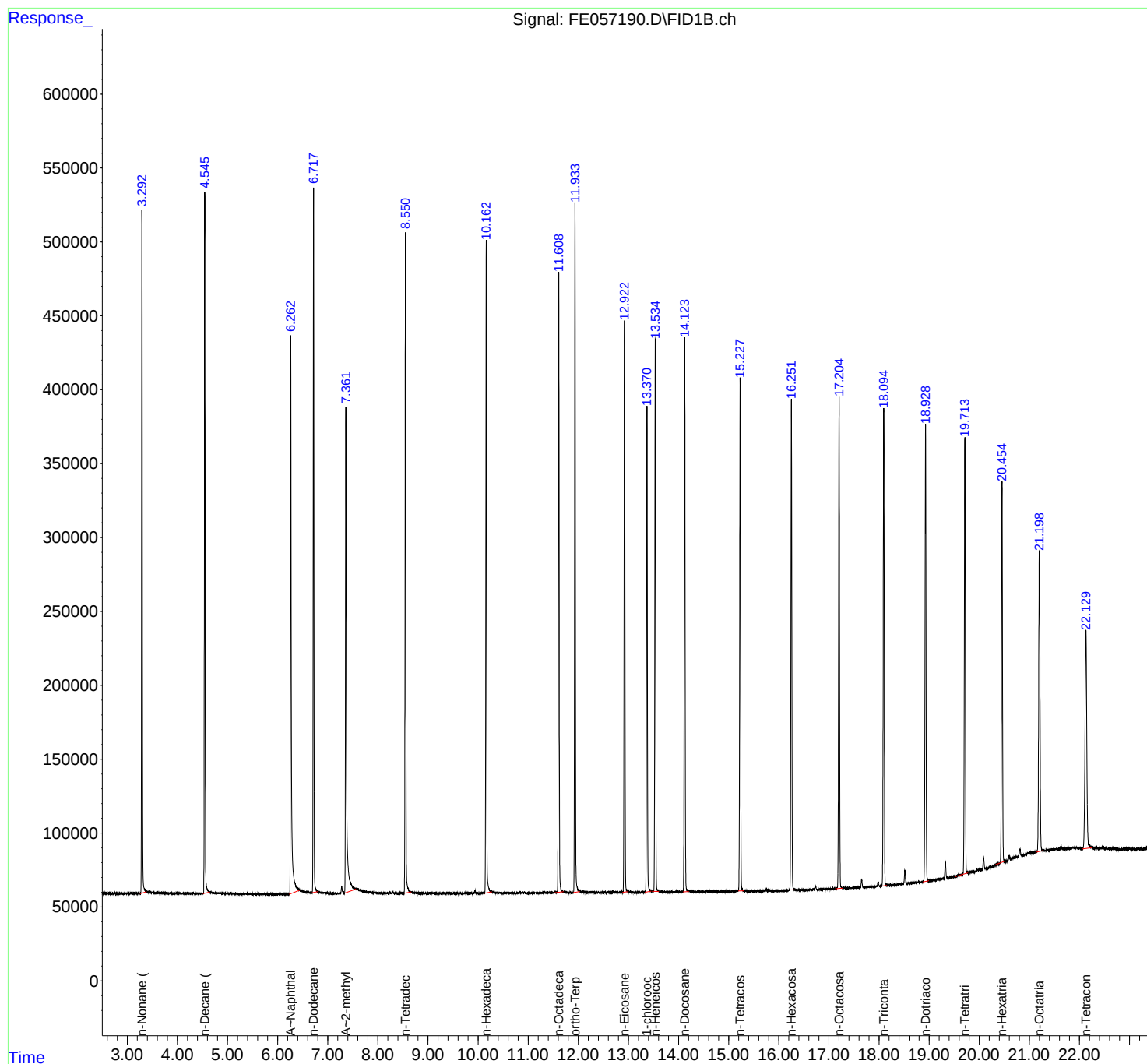
(m)=manual int.

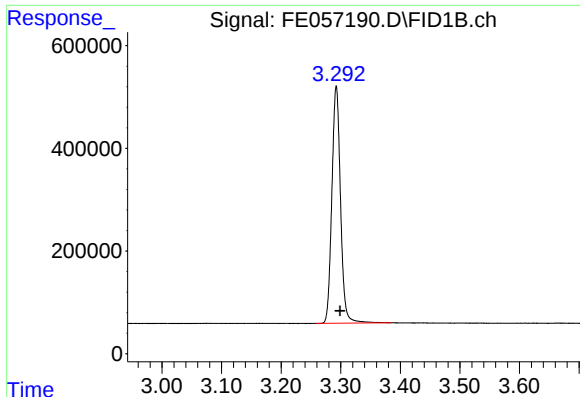
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120525AL\
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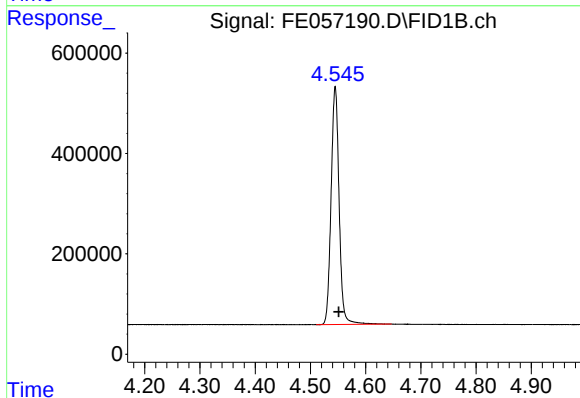




#1 n-Nonane (C9)

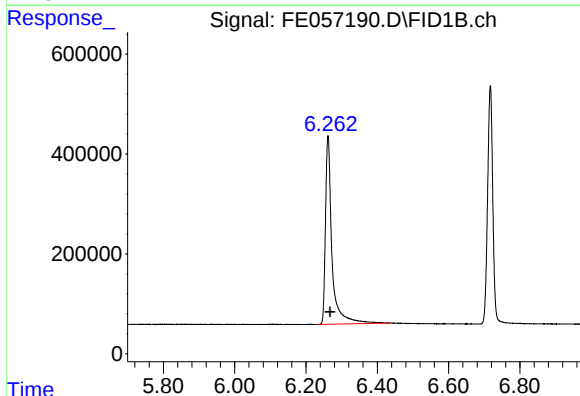
R.T.: 3.293 min
Delta R.T.: -0.006 min
Response: 4665180
Conc: 23.85 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



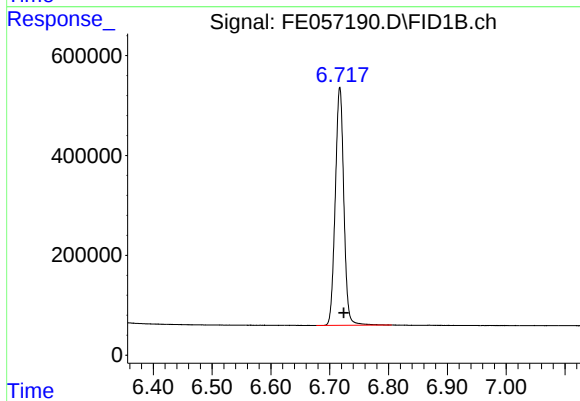
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.006 min
Response: 4771869
Conc: 23.59 ug/ml



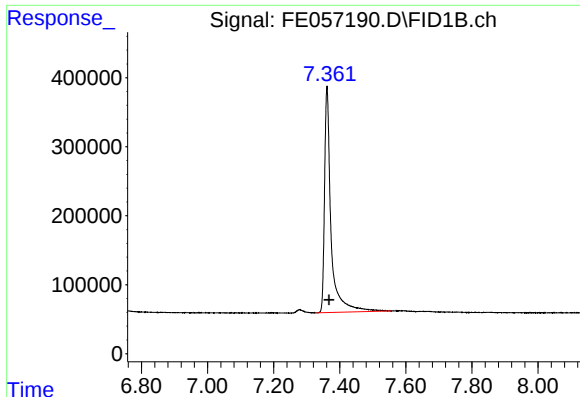
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.006 min
Response: 4802723
Conc: 23.86 ug/ml



#4 n-Dodecane (C12)

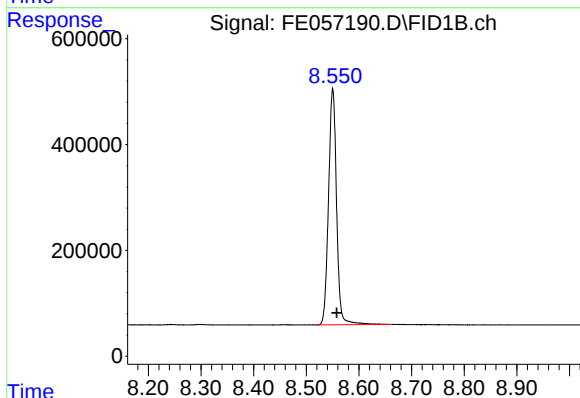
R.T.: 6.717 min
Delta R.T.: -0.007 min
Response: 4822553
Conc: 23.63 ug/ml



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

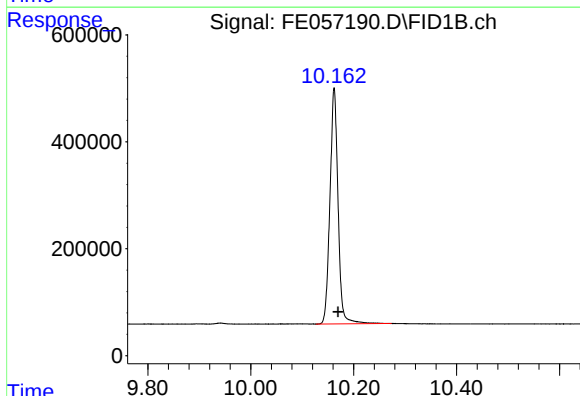
R.T.: 7.362 min
Delta R.T.: -0.006 min
Response: 4509201
Conc: 23.47 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



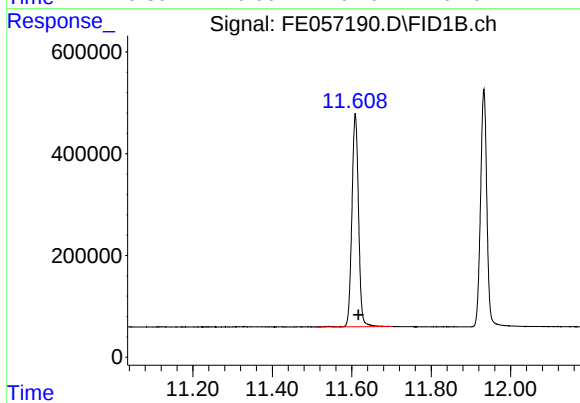
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.007 min
Response: 4744997
Conc: 23.57 ug/ml



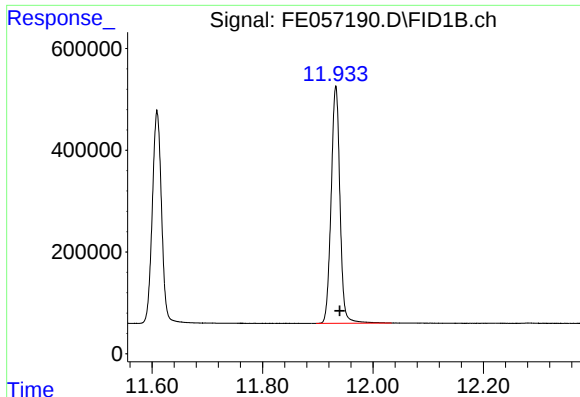
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.008 min
Response: 4827563
Conc: 23.54 ug/ml



#8 n-Octadecane (C18)

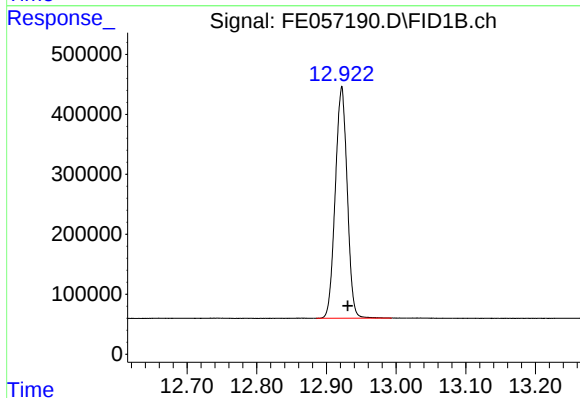
R.T.: 11.609 min
Delta R.T.: -0.008 min
Response: 4846954
Conc: 23.52 ug/ml



#9 ortho-Terphenyl (SURR)

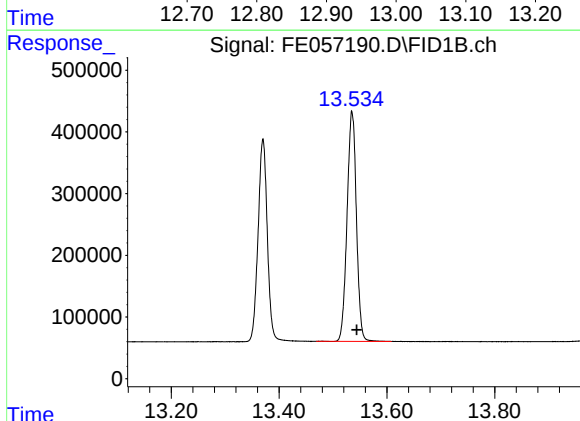
R.T.: 11.933 min
Delta R.T.: -0.007 min
Response: 5165729
Conc: 23.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



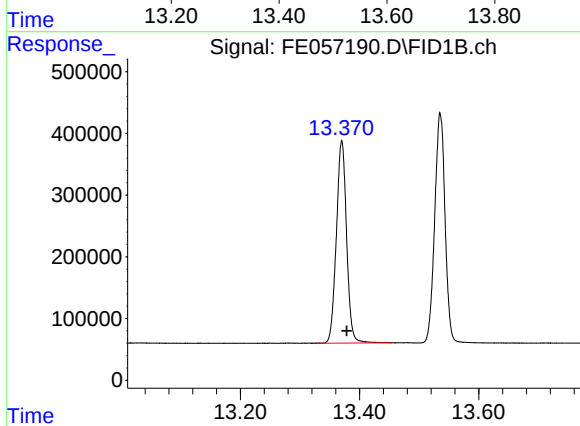
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: -0.009 min
Response: 4595640
Conc: 23.36 ug/ml



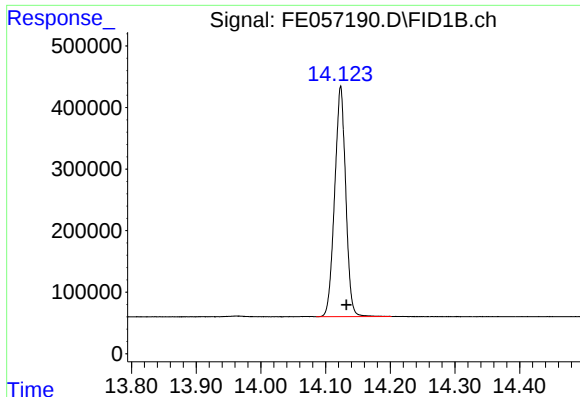
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.009 min
Response: 4492678
Conc: 23.38 ug/ml



#12 1-chlorooctadecane (SURR)

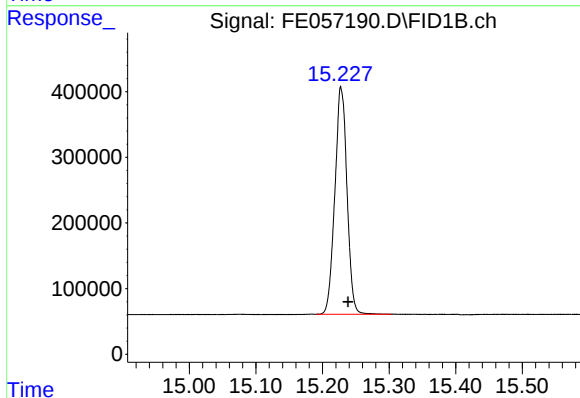
R.T.: 13.370 min
Delta R.T.: -0.008 min
Response: 3907239
Conc: 23.48 ug/ml



#13 n-Docosane (C22)

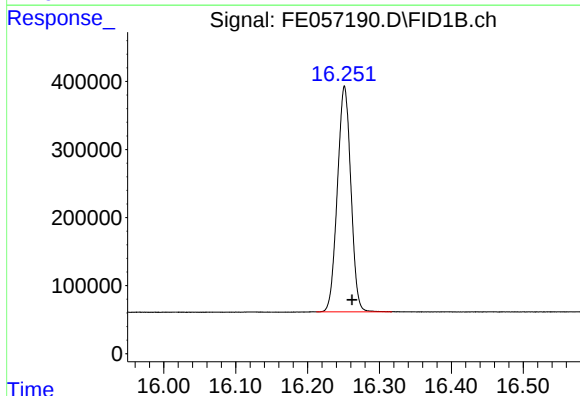
R.T.: 14.123 min
Delta R.T.: -0.009 min
Response: 4447552
Conc: 23.04 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



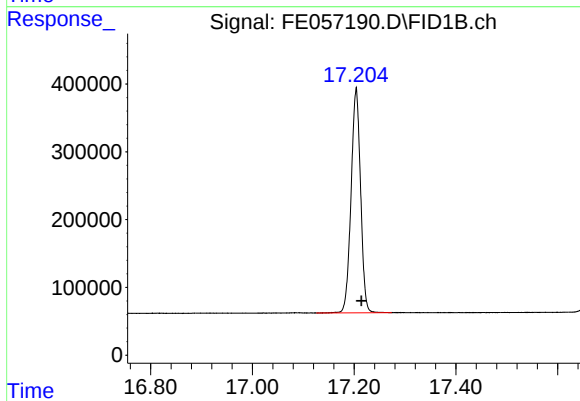
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.010 min
Response: 4385227
Conc: 22.14 ug/ml



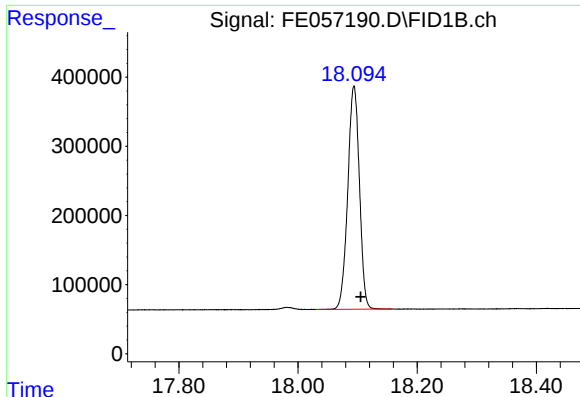
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.010 min
Response: 4312268
Conc: 21.74 ug/ml



#16 n-Octacosane (C28)

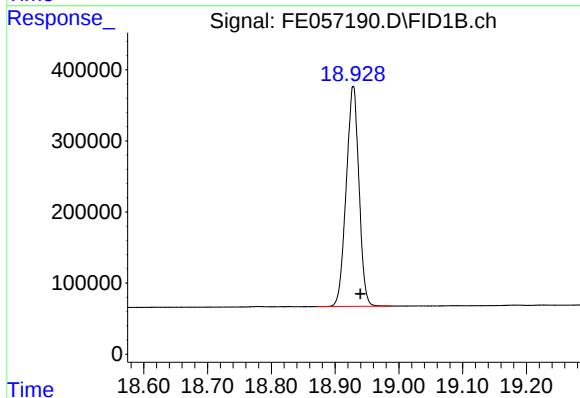
R.T.: 17.204 min
Delta R.T.: -0.011 min
Response: 4283118
Conc: 20.84 ug/ml



#17 n-Tricontane (C30)

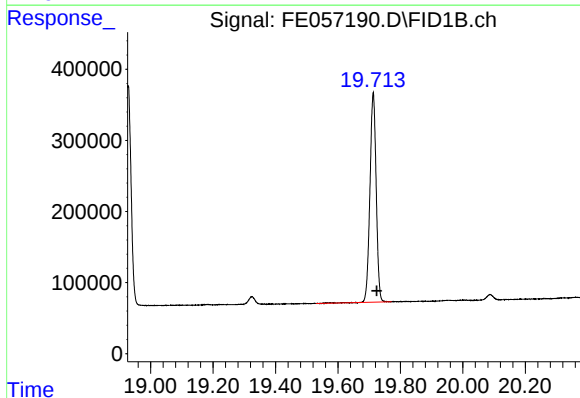
R.T.: 18.094 min
Delta R.T.: -0.011 min
Response: 4384717
Conc: 19.54 ug/ml

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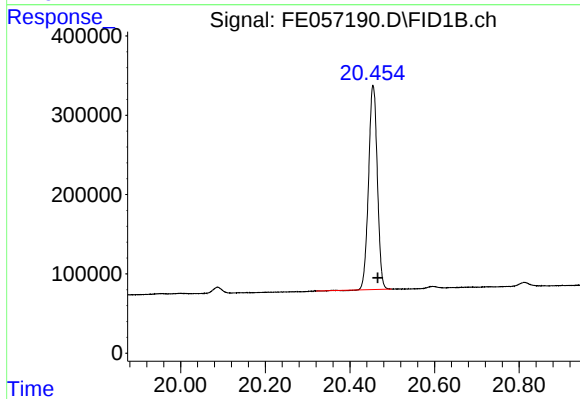
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.011 min
Response: 4306542
Conc: 18.45 ug/ml



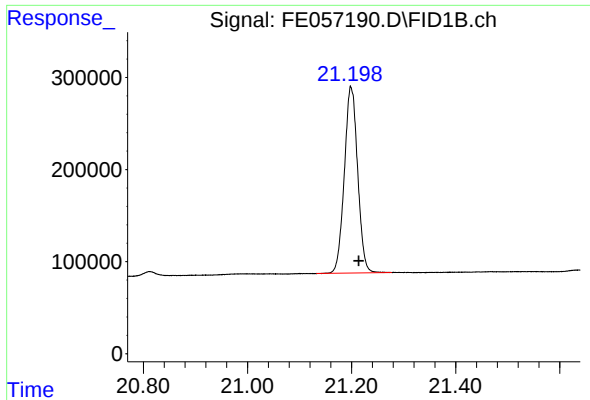
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.012 min
Response: 4086736
Conc: 19.13 ug/ml



#20 n-Hexatriacontane (C36)

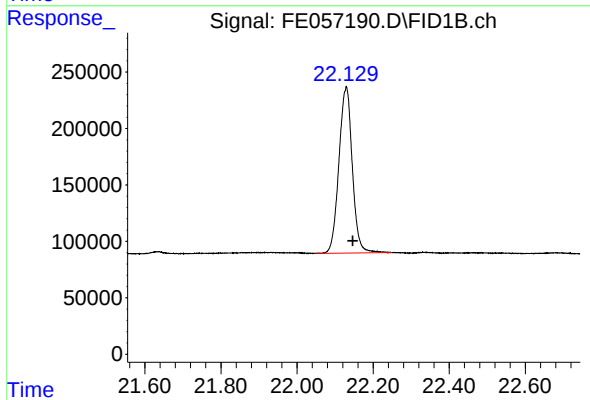
R.T.: 20.455 min
Delta R.T.: -0.011 min
Response: 3690314
Conc: 19.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: -0.015 min
Response: 3590927
Conc: 20.72 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: -0.017 min
Response: 3590467
Conc: 21.31 ug/ml