

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057158.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2025 13:04
 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 04 13:57:21 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)	11.935	4737709	21.590 ug/ml
Spiked Amount 50.000		Recovery =	43.18%
12) S 1-chlorooctadecane (S...	13.373	3566195	21.428 ug/ml
Spiked Amount 50.000		Recovery =	42.86%
Target Compounds			
1) T n-Nonane (C9)	3.294	4281660	21.889 ug/ml
2) T n-Decane (C10)	4.547	4402972	21.769 ug/ml
3) T A~Naphthalene (C11.7)	6.264	4402768	21.868 ug/ml
4) T n-Dodecane (C12)	6.719	4446571	21.787 ug/ml
5) T A~2-methylnaphthalene...	7.364	4115303	21.417 ug/ml
6) T n-Tetradecane (C14)	8.553	4366752	21.695 ug/ml
7) T n-Hexadecane (C16)	10.165	4416505	21.536 ug/ml
8) T n-Octadecane (C18)	11.613	4437130	21.528 ug/ml
10) T n-Eicosane (C20)	12.925	4210865	21.406 ug/ml
11) T n-Heneicosane (C21)	13.539	4121448	21.452 ug/ml
13) T n-Docosane (C22)	14.127	4060933	21.037 ug/ml
14) T n-Tetracosane (C24)	15.233	4016820	20.281 ug/ml
15) T n-Hexacosane (C26)	16.256	3969015	20.006 ug/ml
16) T n-Octacosane (C28)	17.209	3938889	19.167 ug/ml
17) T n-Tricontane (C30)	18.098	4071334	18.141 ug/ml
18) T n-Dotriacontane (C32)	18.932	4020994	17.225 ug/ml
19) T n-Tetratriacontane (C34)	19.717	3809120	17.834 ug/ml
20) T n-Hexatriacontane (C36)	20.460	3433743	18.448 ug/ml
21) T n-Octatriacontane (C38)	21.206	3351976	19.341 ug/ml
22) T n-Tetracontane (C40)	22.135	3321175	19.709 ug/ml

(f)=RT Delta > 1/2 Window

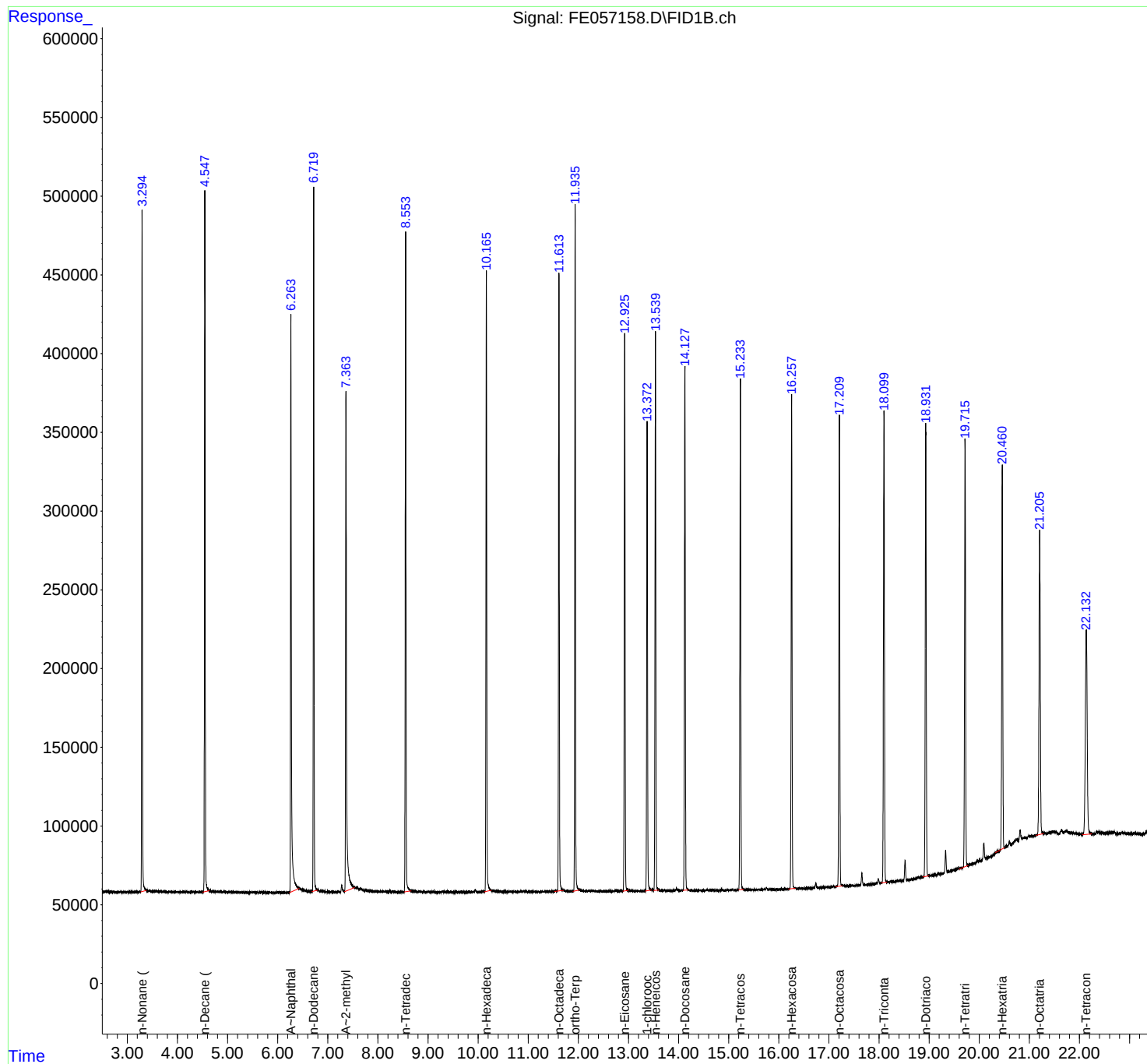
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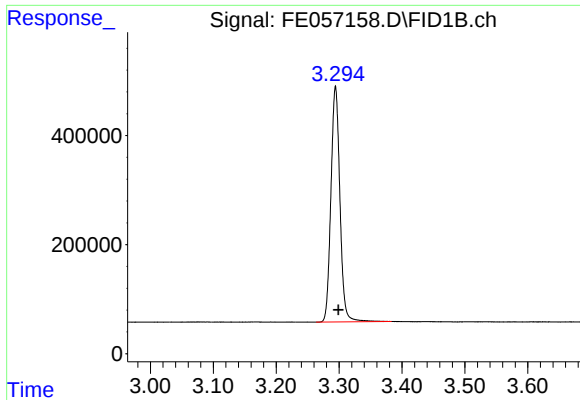
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
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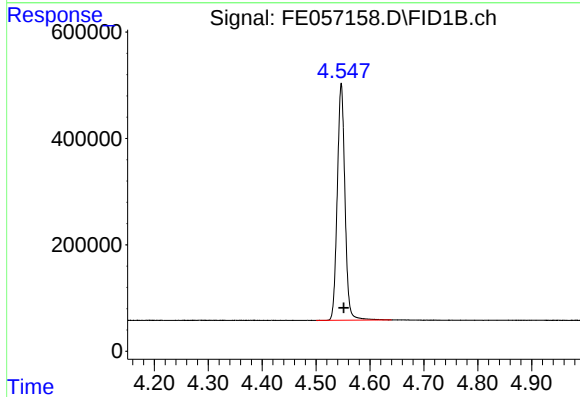




#1 n-Nonane (C9)

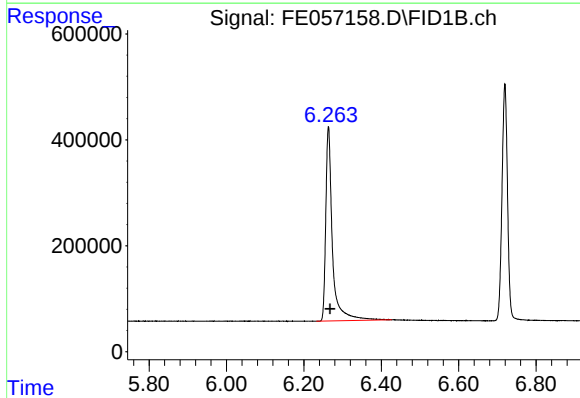
R.T.: 3.294 min
Delta R.T.: -0.005 min
Response: 4281660
Conc: 21.89 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



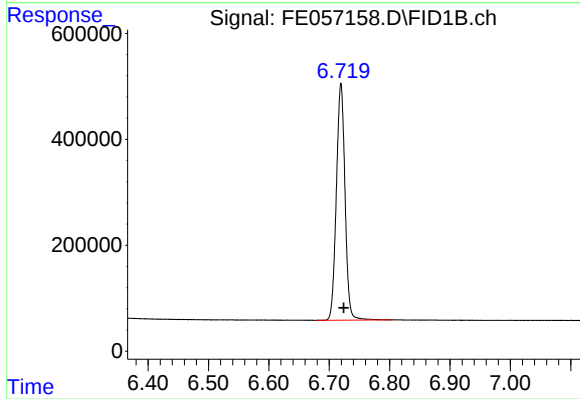
#2 n-Decane (C10)

R.T.: 4.547 min
Delta R.T.: -0.005 min
Response: 4402972
Conc: 21.77 ug/ml



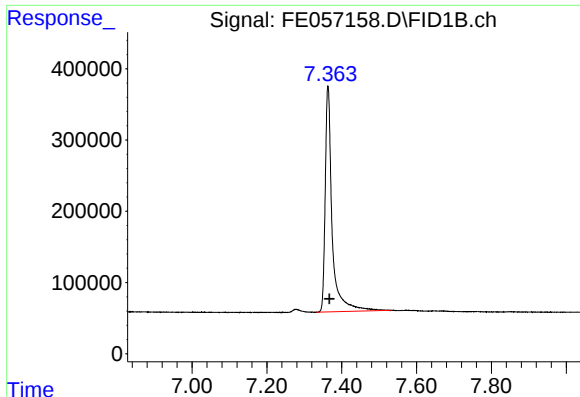
#3 A~Naphthalene (C11.7)

R.T.: 6.264 min
Delta R.T.: -0.004 min
Response: 4402768
Conc: 21.87 ug/ml



#4 n-Dodecane (C12)

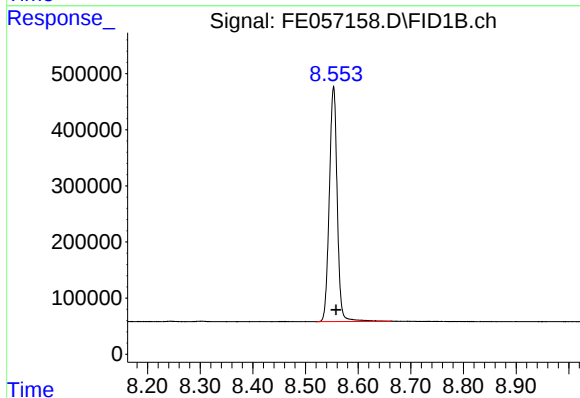
R.T.: 6.719 min
Delta R.T.: -0.005 min
Response: 4446571
Conc: 21.79 ug/ml



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

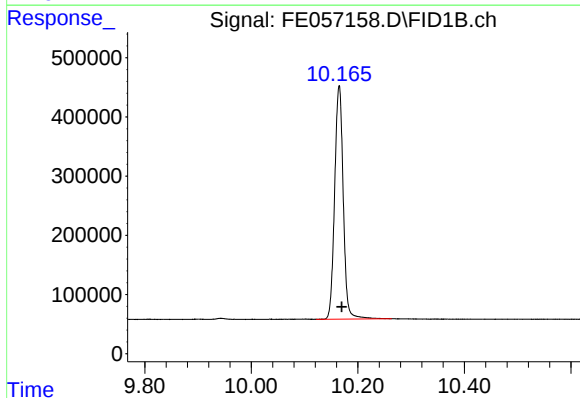
R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 4115303
Conc: 21.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



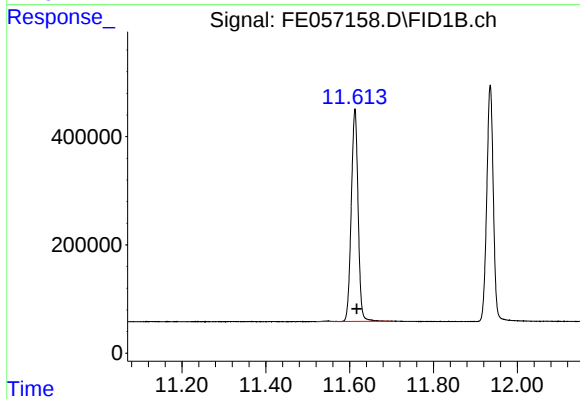
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: -0.005 min
Response: 4366752
Conc: 21.69 ug/ml



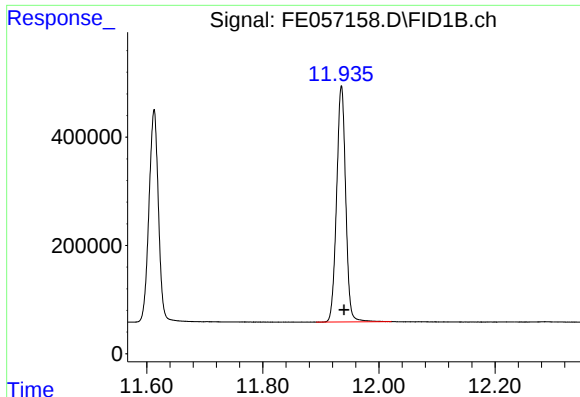
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: -0.005 min
Response: 4416505
Conc: 21.54 ug/ml



#8 n-Octadecane (C18)

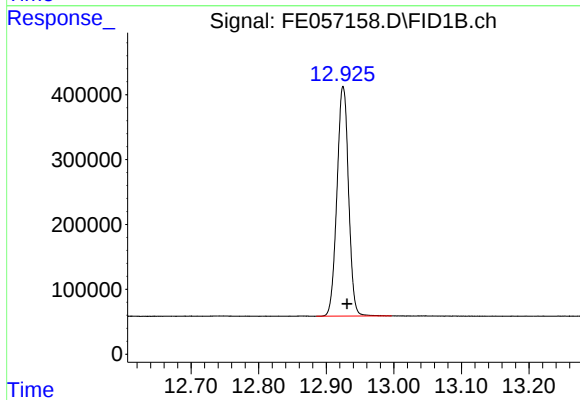
R.T.: 11.613 min
Delta R.T.: -0.004 min
Response: 4437130
Conc: 21.53 ug/ml



#9 ortho-Terphenyl (SURR)

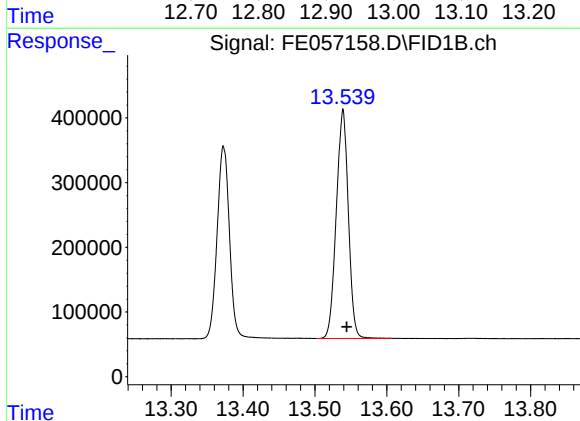
R.T.: 11.935 min
Delta R.T.: -0.005 min
Response: 4737709
Conc: 21.59 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



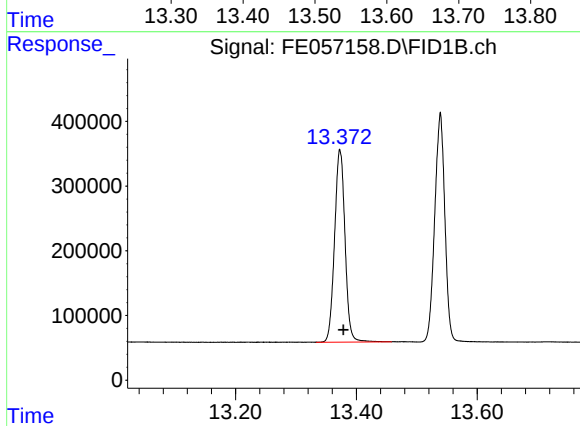
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: -0.006 min
Response: 4210865
Conc: 21.41 ug/ml



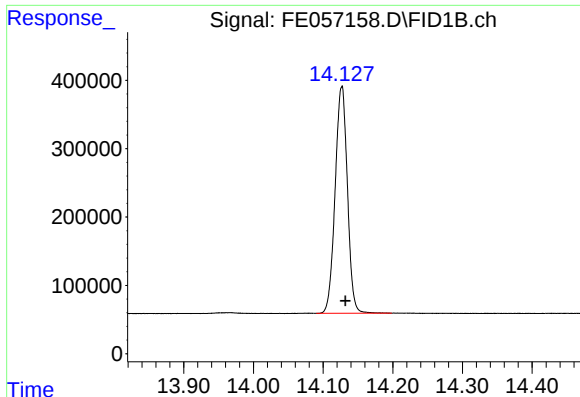
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.005 min
Response: 4121448
Conc: 21.45 ug/ml



#12 1-chlorooctadecane (SURR)

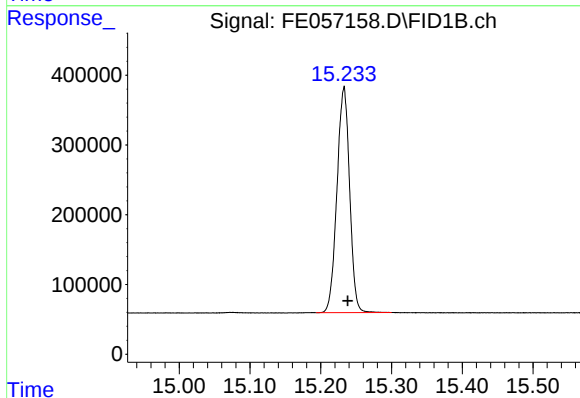
R.T.: 13.373 min
Delta R.T.: -0.005 min
Response: 3566195
Conc: 21.43 ug/ml



#13 n-Docosane (C22)

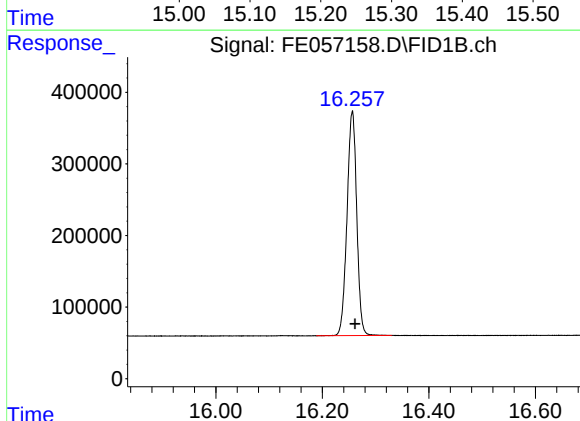
R.T.: 14.127 min
Delta R.T.: -0.006 min
Response: 4060933
Conc: 21.04 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



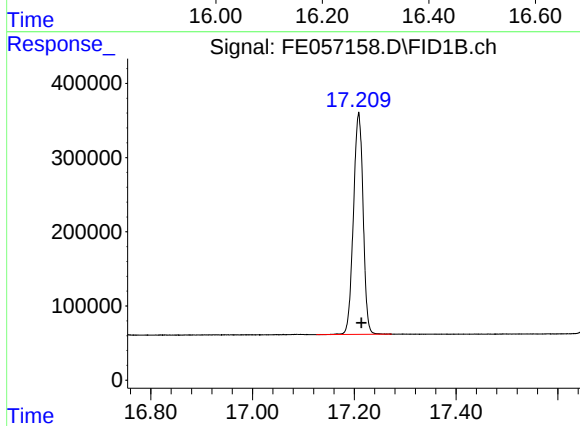
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.006 min
Response: 4016820
Conc: 20.28 ug/ml



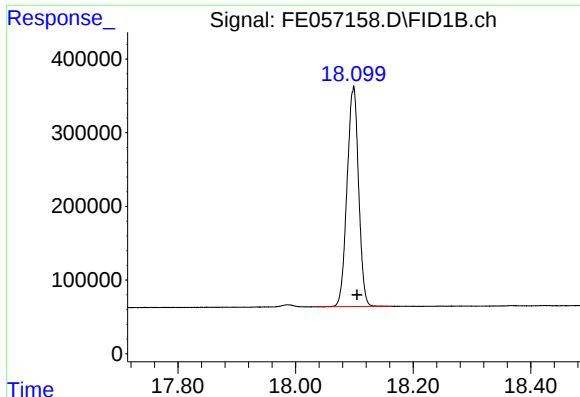
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: -0.006 min
Response: 3969015
Conc: 20.01 ug/ml



#16 n-Octacosane (C28)

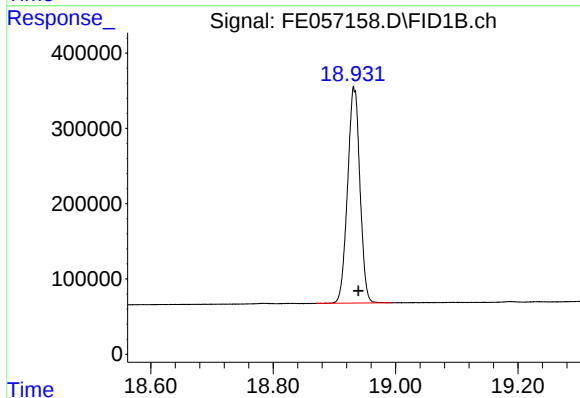
R.T.: 17.209 min
Delta R.T.: -0.006 min
Response: 3938889
Conc: 19.17 ug/ml



#17 n-Tricontane (C30)

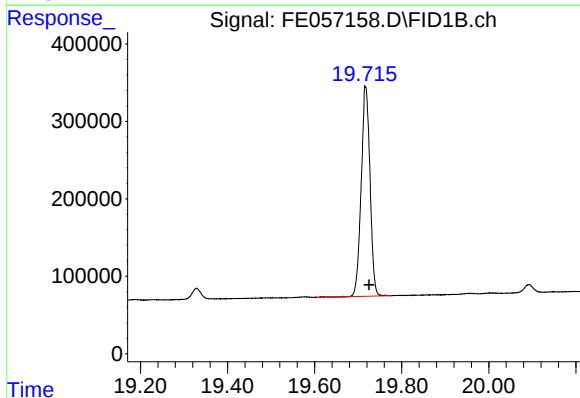
R.T.: 18.098 min
Delta R.T.: -0.007 min
Response: 4071334
Conc: 18.14 ug/ml

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20 PPM ALIPHATIC HC STD



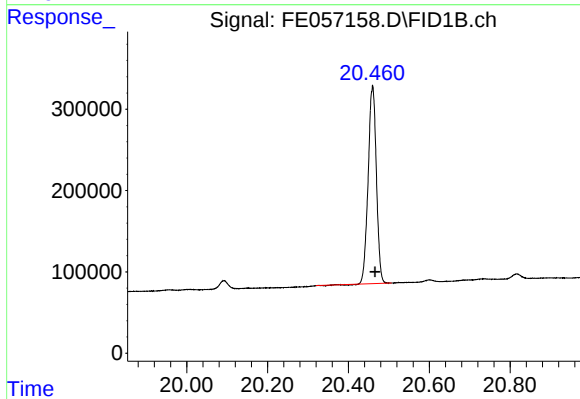
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.007 min
Response: 4020994
Conc: 17.23 ug/ml



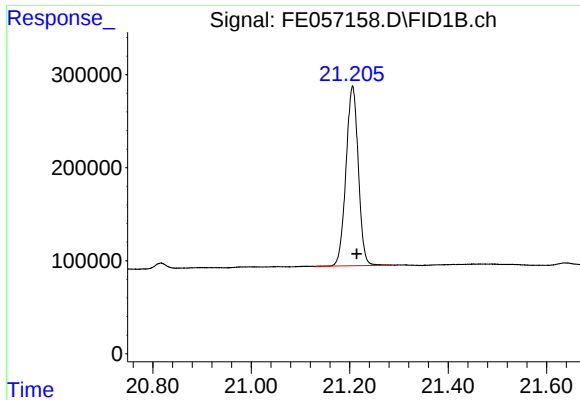
#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: -0.007 min
Response: 3809120
Conc: 17.83 ug/ml



#20 n-Hexatriacontane (C36)

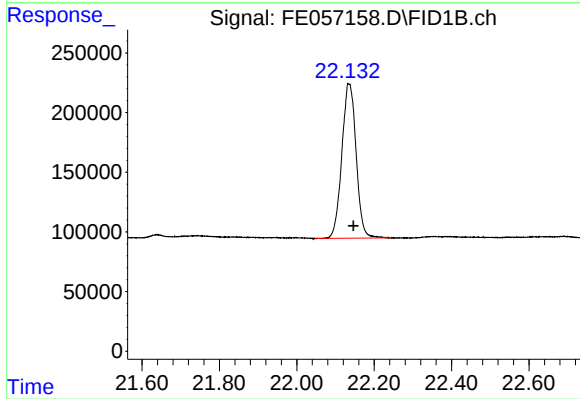
R.T.: 20.460 min
Delta R.T.: -0.006 min
Response: 3433743
Conc: 18.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: -0.008 min
Response: 3351976
Conc: 19.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.135 min
Delta R.T.: -0.012 min
Response: 3321175
Conc: 19.71 ug/ml