

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
 Data File : FE057262.D
 Signal(s) : FID1B.ch
 Acq On : 09 Dec 2025 23:28
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 10 01:02:13 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)	11.931	4765769	21.718 ug/ml
Spiked Amount 50.000		Recovery =	43.44%
12) S 1-chlorooctadecane (S...	13.368	3607273	21.675 ug/ml
Spiked Amount 50.000		Recovery =	43.35%
Target Compounds			
1) T n-Nonane (C9)	3.290	4205706	21.500 ug/ml
2) T n-Decane (C10)	4.543	4397515	21.742 ug/ml
3) T A~Naphthalene (C11.7)	6.261	4412193	21.915 ug/ml
4) T n-Dodecane (C12)	6.715	4484144	21.971 ug/ml
5) T A~2-methylnaphthalene...	7.361	4152926	21.613 ug/ml
6) T n-Tetradecane (C14)	8.549	4422794	21.973 ug/ml
7) T n-Hexadecane (C16)	10.161	4492815	21.908 ug/ml
8) T n-Octadecane (C18)	11.607	4509589	21.879 ug/ml
10) T n-Eicosane (C20)	12.921	4254651	21.629 ug/ml
11) T n-Heneicosane (C21)	13.534	4143500	21.567 ug/ml
13) T n-Docosane (C22)	14.121	4090546	21.190 ug/ml
14) T n-Tetracosane (C24)	15.227	4060764	20.503 ug/ml
15) T n-Hexacosane (C26)	16.251	3994896	20.137 ug/ml
16) T n-Octacosane (C28)	17.202	4016401	19.545 ug/ml
17) T n-Tricontane (C30)	18.093	4256219	18.965 ug/ml
18) T n-Dotriacontane (C32)	18.927	4342460	18.602 ug/ml
19) T n-Tetratriacontane (C34)	19.713	4135153	19.361 ug/ml
20) T n-Hexatriacontane (C36)	20.455	3720937	19.991 ug/ml
21) T n-Octatriacontane (C38)	21.201	3493669	20.159 ug/ml
22) T n-Tetracontane (C40)	22.129	3471924	20.603 ug/ml

(f)=RT Delta > 1/2 Window

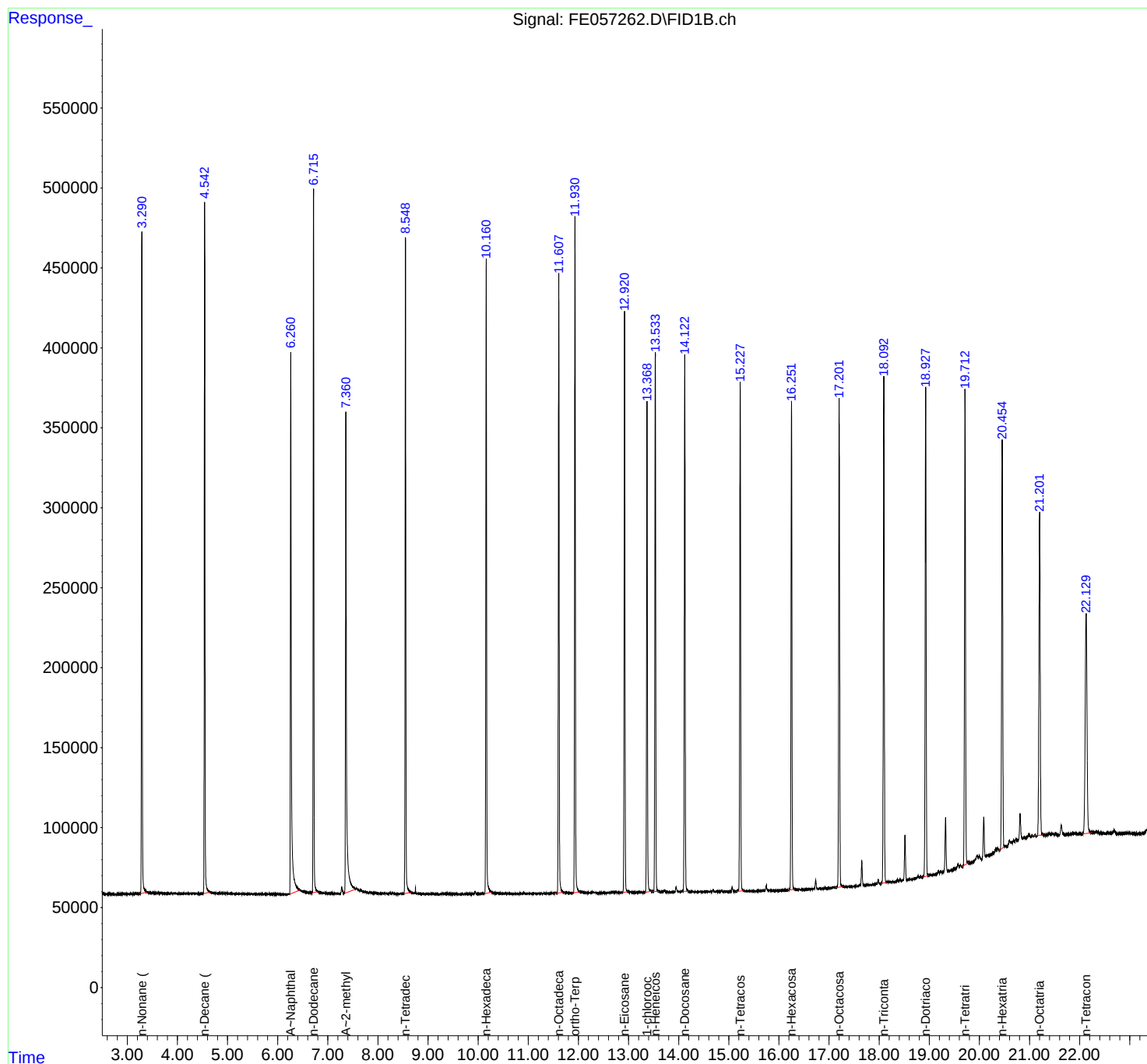
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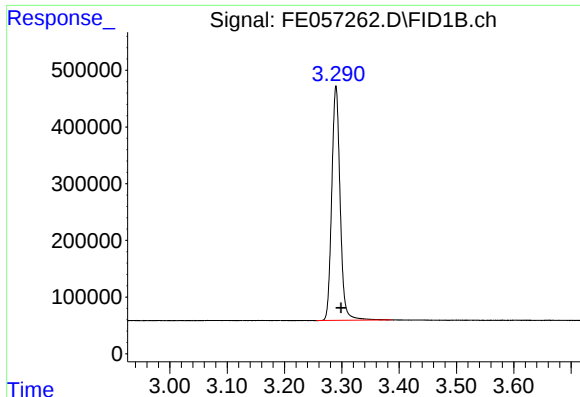
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120925AL\
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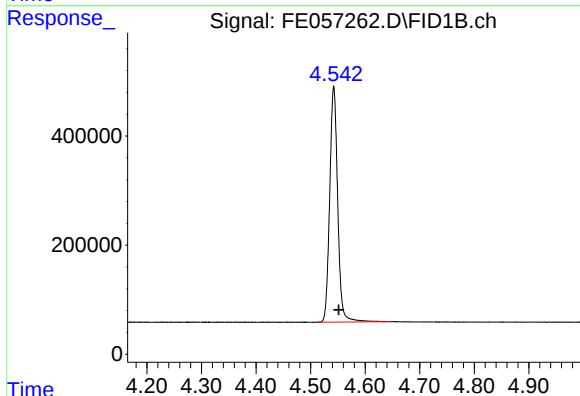




#1 n-Nonane (C9)

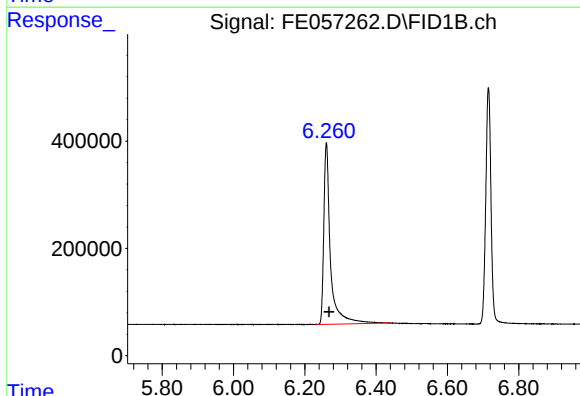
R.T.: 3.290 min
Delta R.T.: -0.009 min
Response: 4205706
Conc: 21.50 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



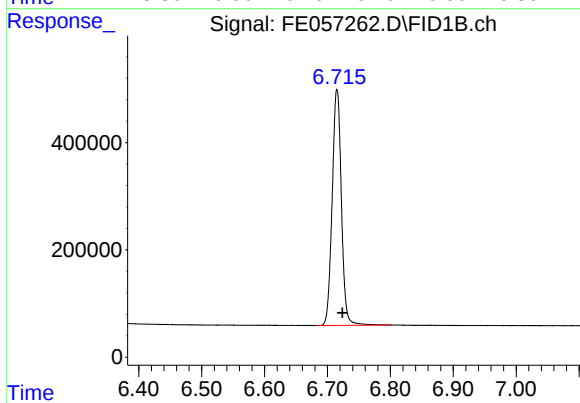
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.009 min
Response: 4397515
Conc: 21.74 ug/ml



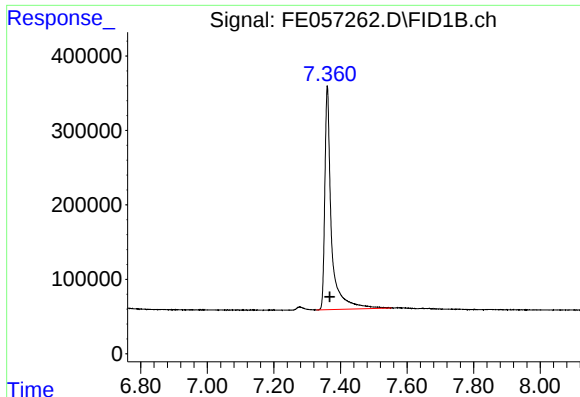
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.007 min
Response: 4412193
Conc: 21.92 ug/ml



#4 n-Dodecane (C12)

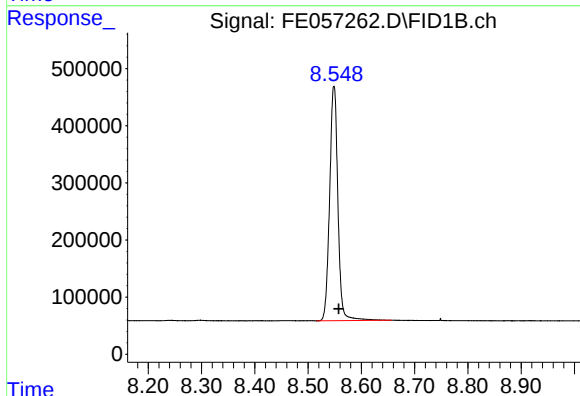
R.T.: 6.715 min
Delta R.T.: -0.009 min
Response: 4484144
Conc: 21.97 ug/ml



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

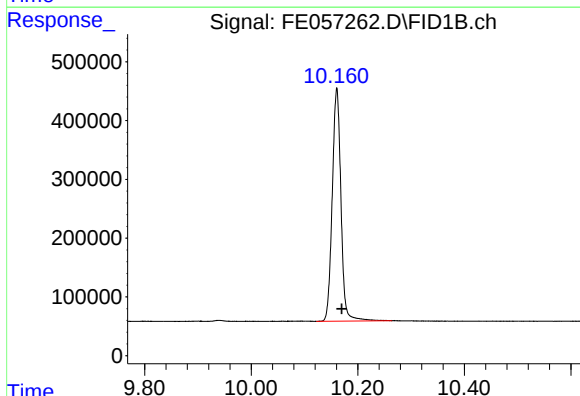
R.T.: 7.361 min
Delta R.T.: -0.007 min
Response: 4152926
Conc: 21.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



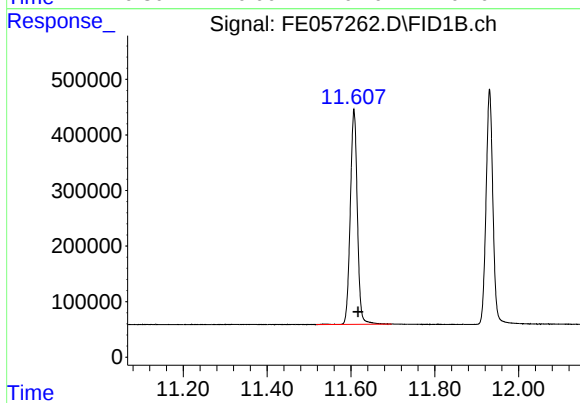
#6 n-Tetradecane (C14)

R.T.: 8.549 min
Delta R.T.: -0.009 min
Response: 4422794
Conc: 21.97 ug/ml



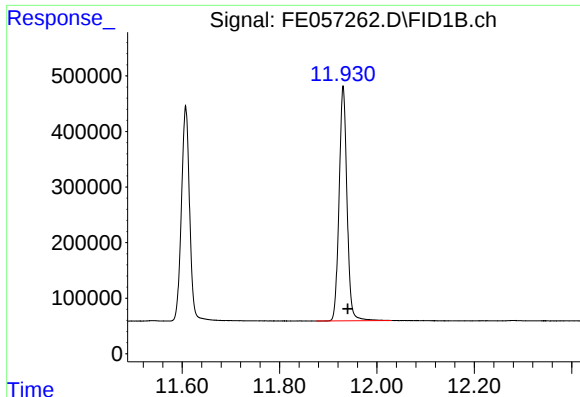
#7 n-Hexadecane (C16)

R.T.: 10.161 min
Delta R.T.: -0.009 min
Response: 4492815
Conc: 21.91 ug/ml



#8 n-Octadecane (C18)

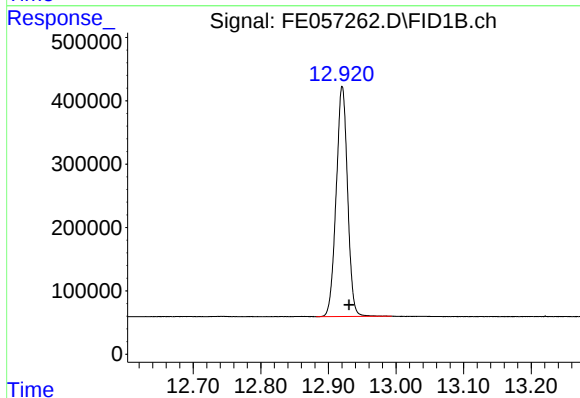
R.T.: 11.607 min
Delta R.T.: -0.010 min
Response: 4509589
Conc: 21.88 ug/ml



#9 ortho-Terphenyl (SURR)

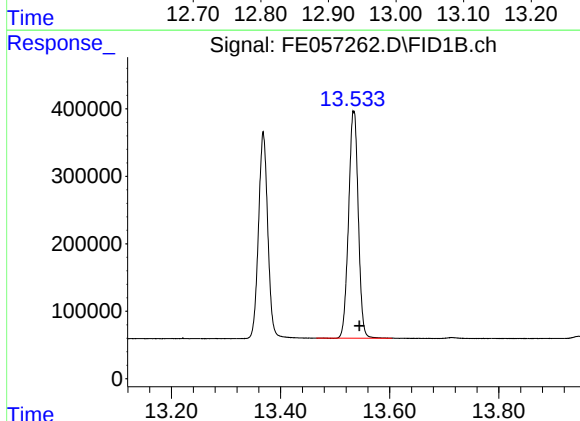
R.T.: 11.931 min
Delta R.T.: -0.009 min
Response: 4765769
Conc: 21.72 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



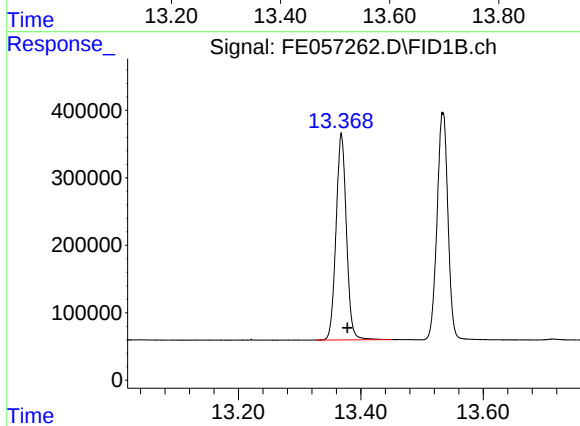
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: -0.010 min
Response: 4254651
Conc: 21.63 ug/ml



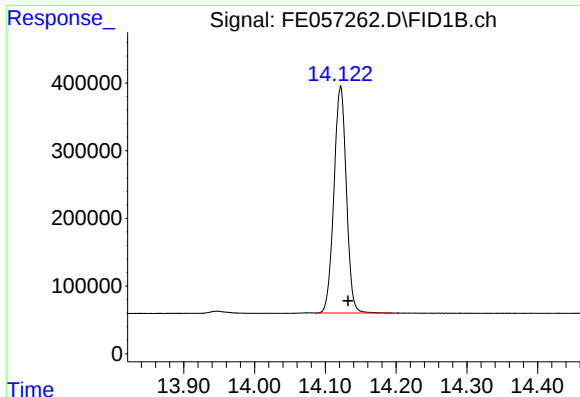
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: -0.010 min
Response: 4143500
Conc: 21.57 ug/ml



#12 1-chlorooctadecane (SURR)

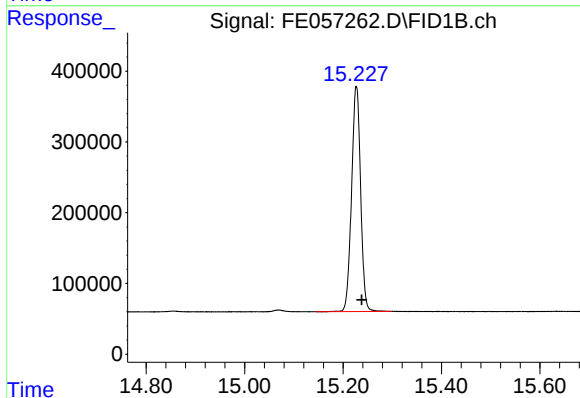
R.T.: 13.368 min
Delta R.T.: -0.010 min
Response: 3607273
Conc: 21.67 ug/ml



#13 n-Docosane (C22)

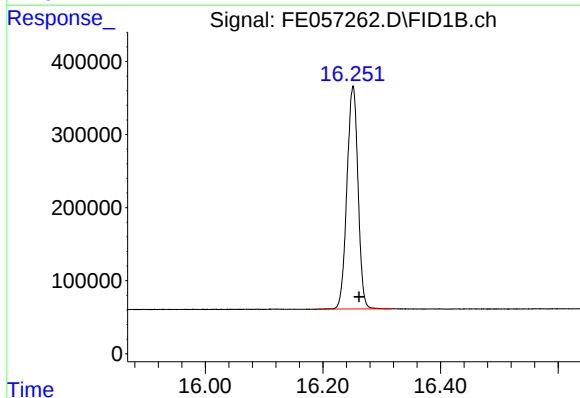
R.T.: 14.121 min
Delta R.T.: -0.011 min
Response: 4090546
Conc: 21.19 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



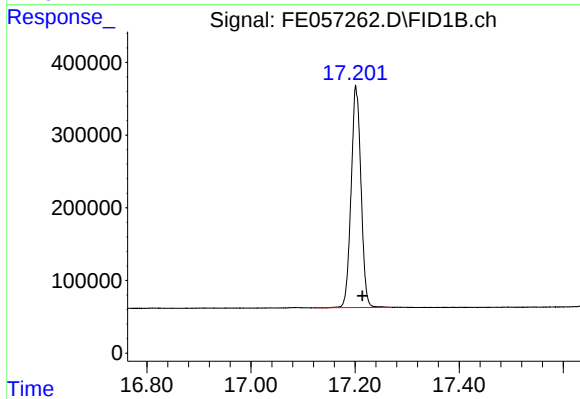
#14 n-Tetracosane (C24)

R.T.: 15.227 min
Delta R.T.: -0.011 min
Response: 4060764
Conc: 20.50 ug/ml



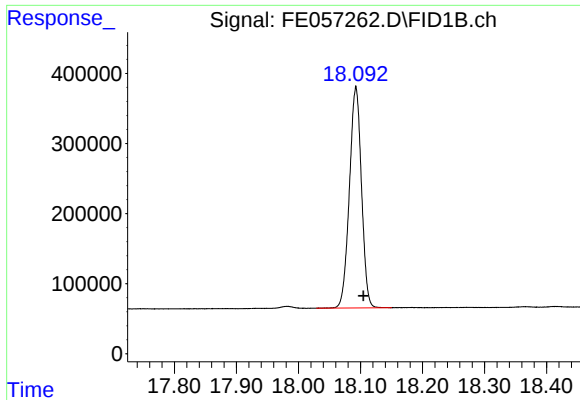
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.011 min
Response: 3994896
Conc: 20.14 ug/ml



#16 n-Octacosane (C28)

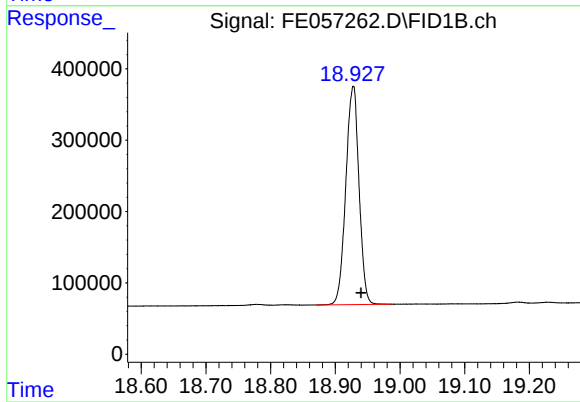
R.T.: 17.202 min
Delta R.T.: -0.012 min
Response: 4016401
Conc: 19.54 ug/ml



#17 n-Tricontane (C30)

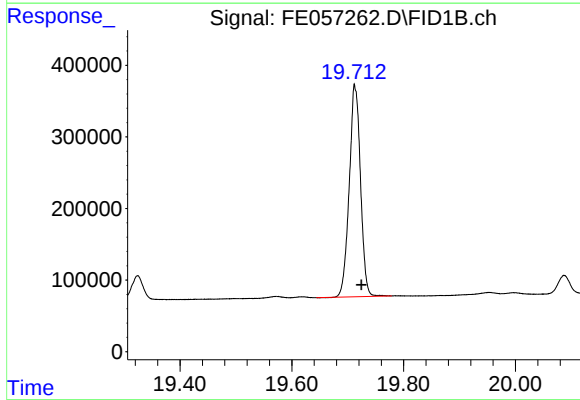
R.T.: 18.093 min
Delta R.T.: -0.012 min
Response: 4256219
Conc: 18.96 ug/ml

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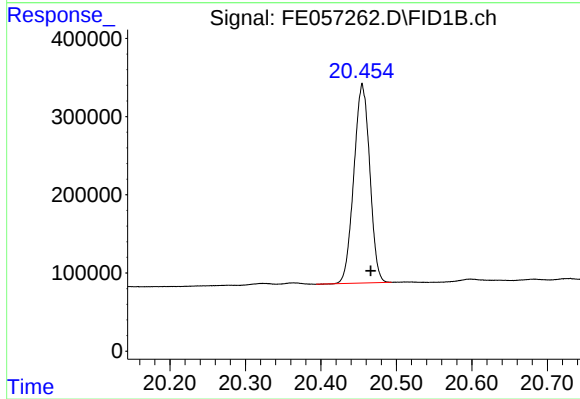
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.012 min
Response: 4342460
Conc: 18.60 ug/ml



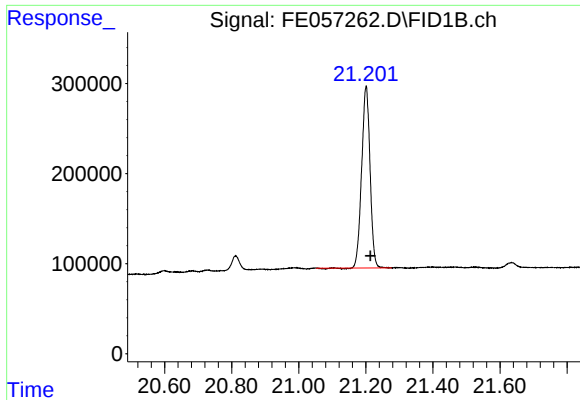
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.011 min
Response: 4135153
Conc: 19.36 ug/ml



#20 n-Hexatriacontane (C36)

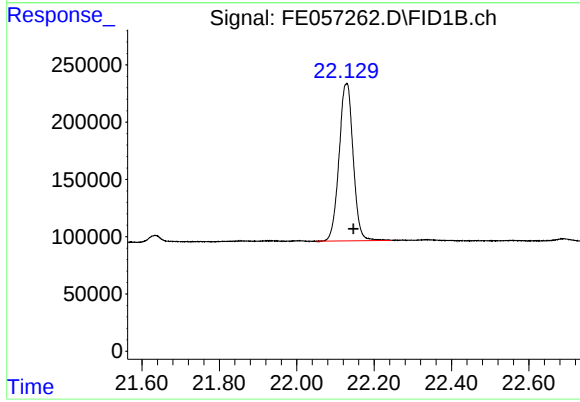
R.T.: 20.455 min
Delta R.T.: -0.011 min
Response: 3720937
Conc: 19.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.013 min
Response: 3493669
Conc: 20.16 ug/ml

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FID_E
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: -0.018 min
Response: 3471924
Conc: 20.60 ug/ml