

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057187.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 11:23
 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 12:07:29 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)	11.932	5191885	23.659 ug/ml
Spiked Amount 50.000		Recovery =	47.32%
12) S 1-chlorooctadecane (S...	13.369	3930268	23.616 ug/ml
Spiked Amount 50.000		Recovery =	47.23%
Target Compounds			
1) T n-Nonane (C9)	3.293	4684185	23.946 ug/ml
2) T n-Decane (C10)	4.545	4791659	23.691 ug/ml
3) T A~Naphthalene (C11.7)	6.262	4866180	24.170 ug/ml
4) T n-Dodecane (C12)	6.717	4847332	23.750 ug/ml
5) T A~2-methylnaphthalene...	7.361	4548889	23.673 ug/ml
6) T n-Tetradecane (C14)	8.550	4772867	23.713 ug/ml
7) T n-Hexadecane (C16)	10.162	4850076	23.650 ug/ml
8) T n-Octadecane (C18)	11.609	4870054	23.628 ug/ml
10) T n-Eicosane (C20)	12.921	4621731	23.495 ug/ml
11) T n-Heneicosane (C21)	13.536	4509793	23.473 ug/ml
13) T n-Docosane (C22)	14.122	4460786	23.108 ug/ml
14) T n-Tetracosane (C24)	15.228	4398724	22.209 ug/ml
15) T n-Hexacosane (C26)	16.251	4330622	21.829 ug/ml
16) T n-Octacosane (C28)	17.203	4312698	20.986 ug/ml
17) T n-Tricontane (C30)	18.093	4435418	19.763 ug/ml
18) T n-Dotriacontane (C32)	18.928	4341138	18.597 ug/ml
19) T n-Tetratriacontane (C34)	19.712	4088583	19.143 ug/ml
20) T n-Hexatriacontane (C36)	20.454	3663081	19.680 ug/ml
21) T n-Octatriacontane (C38)	21.198	3594257	20.739 ug/ml
22) T n-Tetracontane (C40)	22.127	3542958	21.025 ug/ml

(f)=RT Delta > 1/2 Window

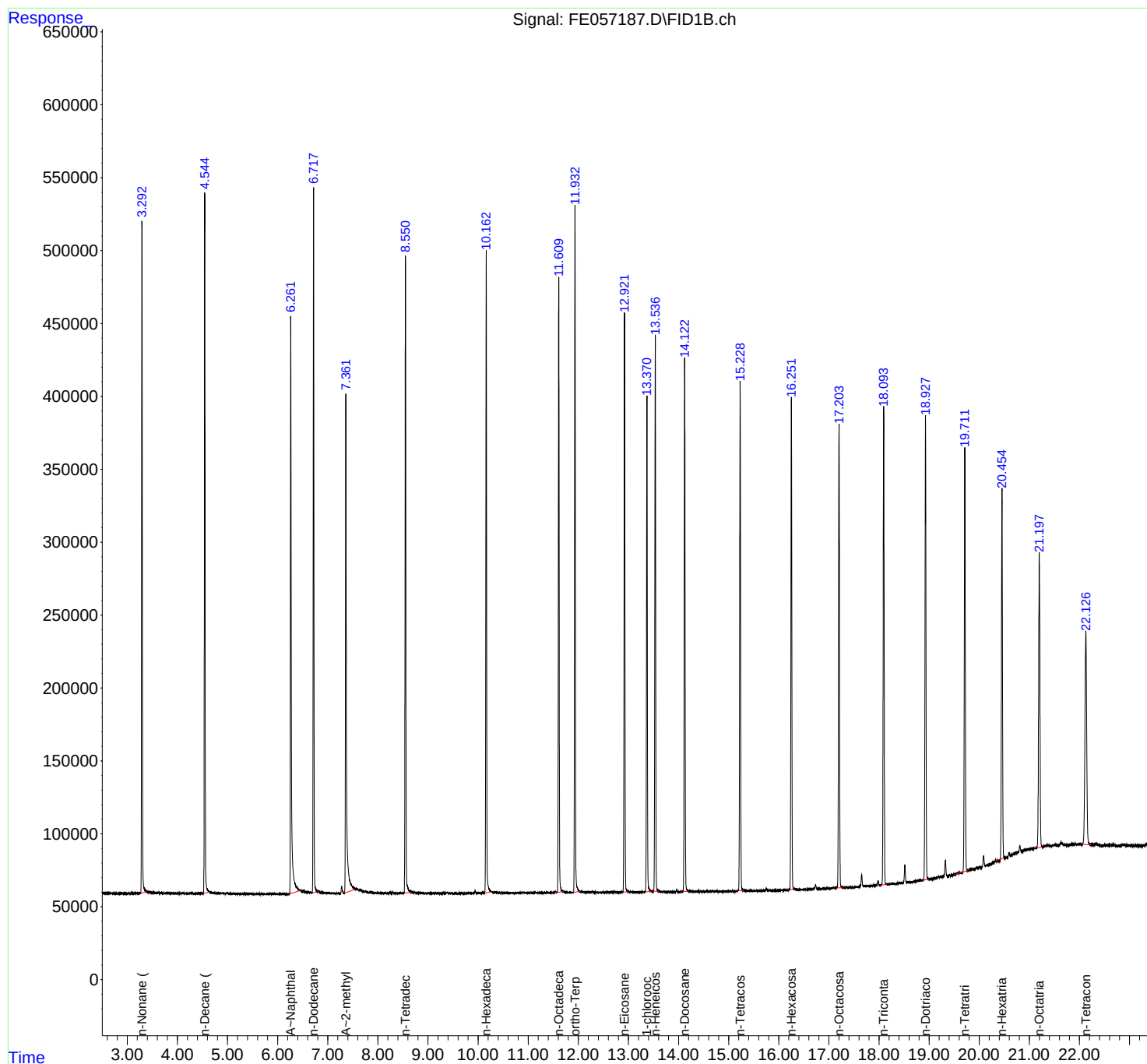
(m)=manual int.

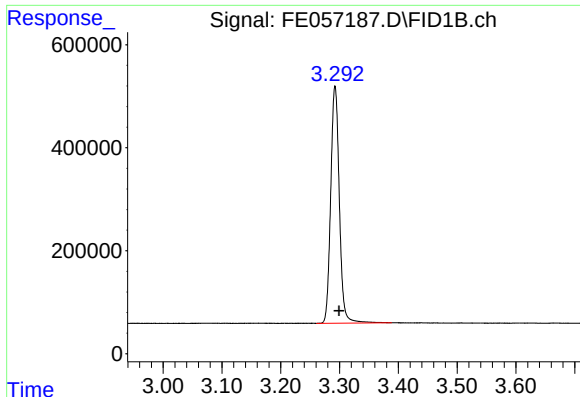
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
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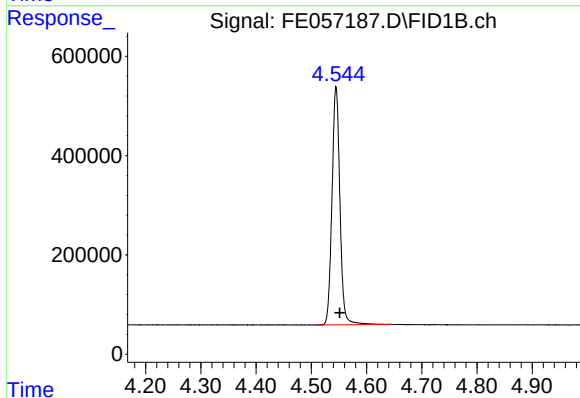




#1 n-Nonane (C9)

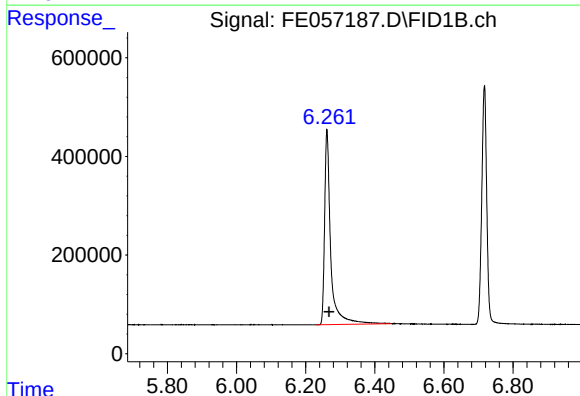
R.T.: 3.293 min
Delta R.T.: -0.006 min
Response: 4684185
Conc: 23.95 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



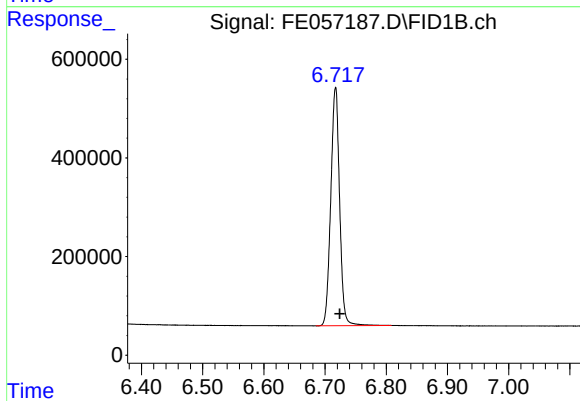
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.007 min
Response: 4791659
Conc: 23.69 ug/ml



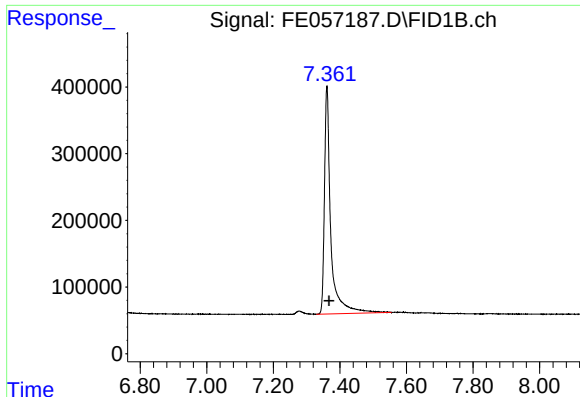
#3 A~Naphthalene (C11.7)

R.T.: 6.262 min
Delta R.T.: -0.006 min
Response: 4866180
Conc: 24.17 ug/ml



#4 n-Dodecane (C12)

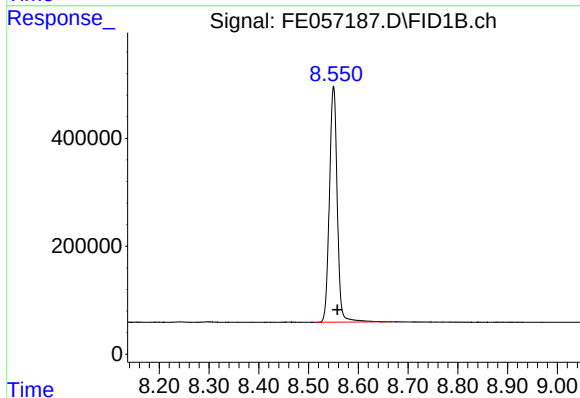
R.T.: 6.717 min
Delta R.T.: -0.007 min
Response: 4847332
Conc: 23.75 ug/ml



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

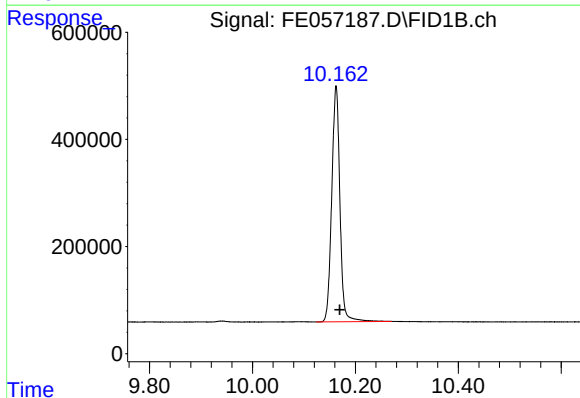
R.T.: 7.361 min
Delta R.T.: -0.006 min
Response: 4548889
Conc: 23.67 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



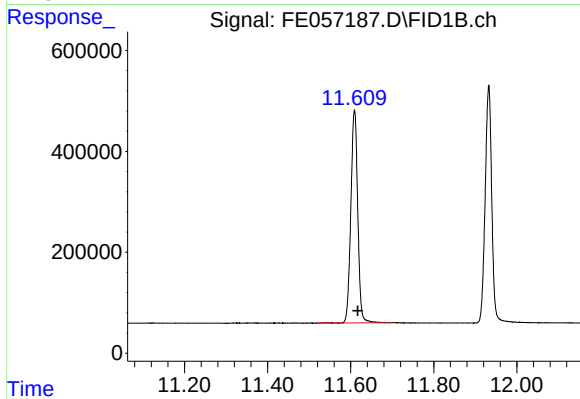
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.008 min
Response: 4772867
Conc: 23.71 ug/ml



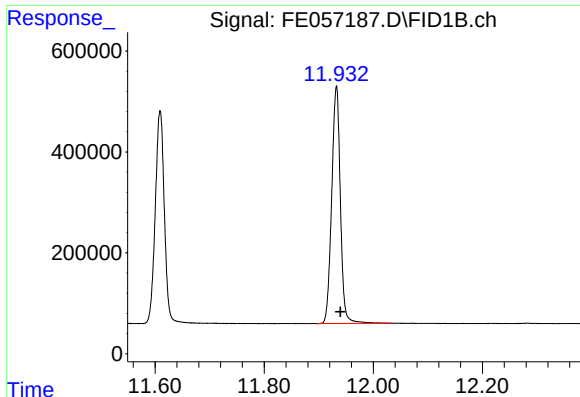
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.007 min
Response: 4850076
Conc: 23.65 ug/ml



#8 n-Octadecane (C18)

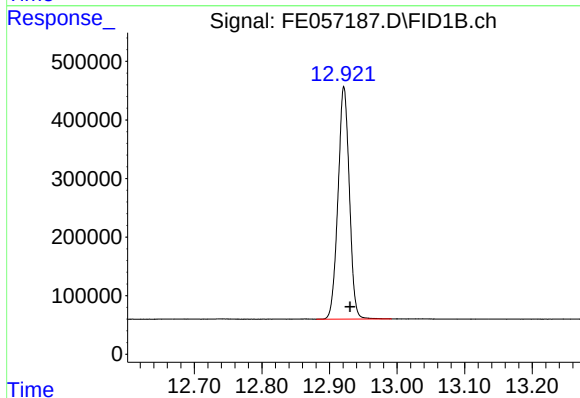
R.T.: 11.609 min
Delta R.T.: -0.008 min
Response: 4870054
Conc: 23.63 ug/ml



#9 ortho-Terphenyl (SURR)

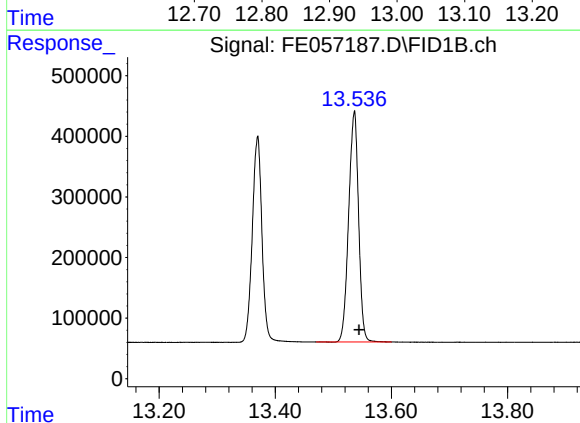
R.T.: 11.932 min
Delta R.T.: -0.008 min
Response: 5191885
Conc: 23.66 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



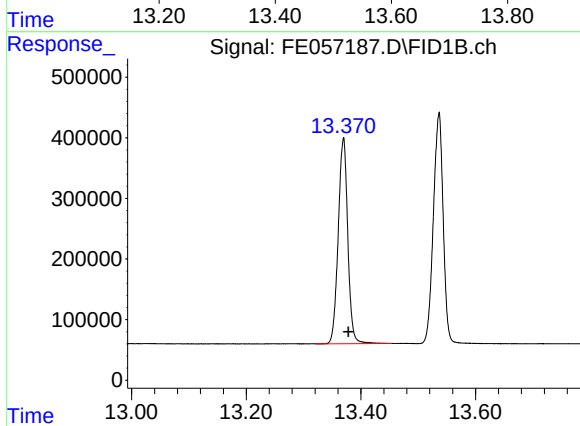
#10 n-Eicosane (C20)

R.T.: 12.921 min
Delta R.T.: -0.009 min
Response: 4621731
Conc: 23.50 ug/ml



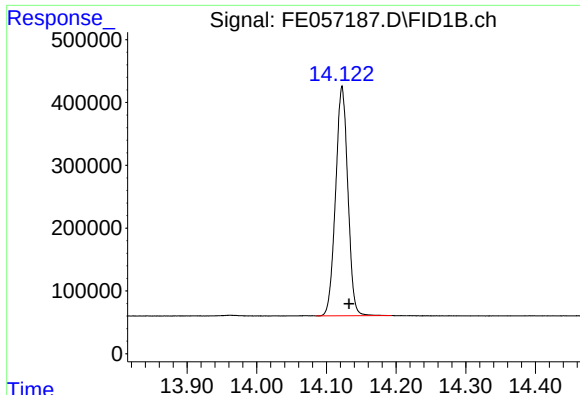
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: -0.008 min
Response: 4509793
Conc: 23.47 ug/ml



#12 1-chlorooctadecane (SURR)

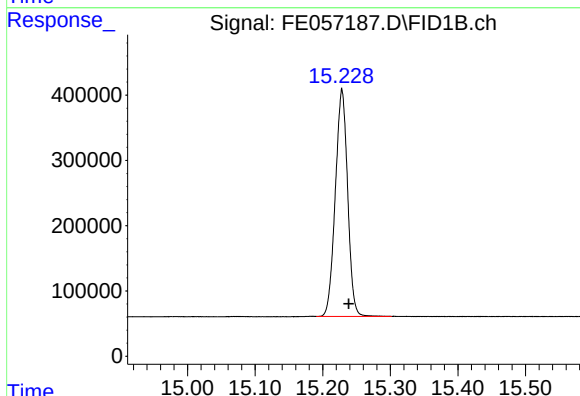
R.T.: 13.369 min
Delta R.T.: -0.009 min
Response: 3930268
Conc: 23.62 ug/ml



#13 n-Docosane (C22)

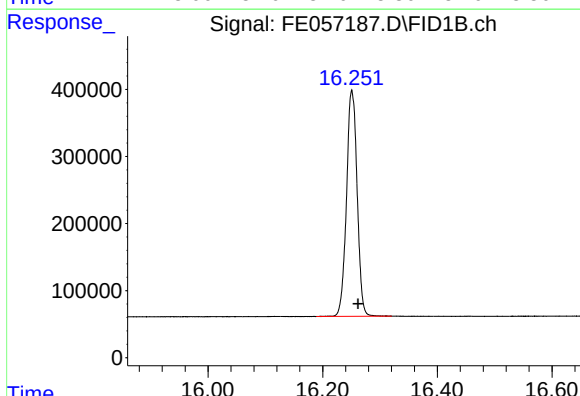
R.T.: 14.122 min
Delta R.T.: -0.010 min
Response: 4460786
Conc: 23.11 ug/ml

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20 PPM ALIPHATIC HC STD



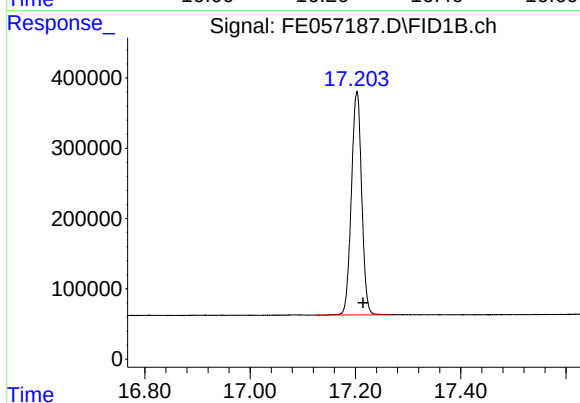
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: -0.010 min
Response: 4398724
Conc: 22.21 ug/ml



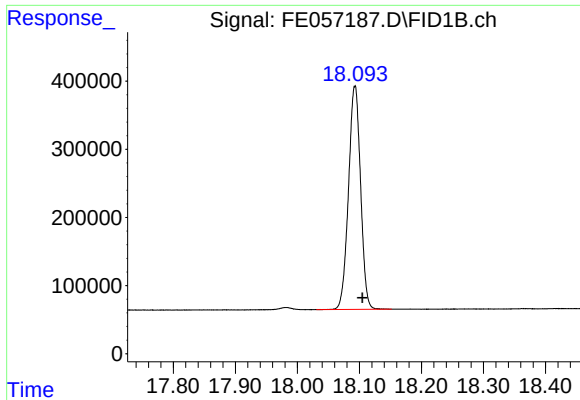
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.011 min
Response: 4330622
Conc: 21.83 ug/ml



#16 n-Octacosane (C28)

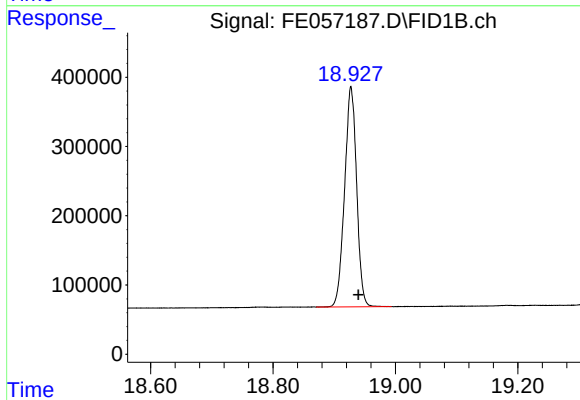
R.T.: 17.203 min
Delta R.T.: -0.012 min
Response: 4312698
Conc: 20.99 ug/ml



#17 n-Tricontane (C30)

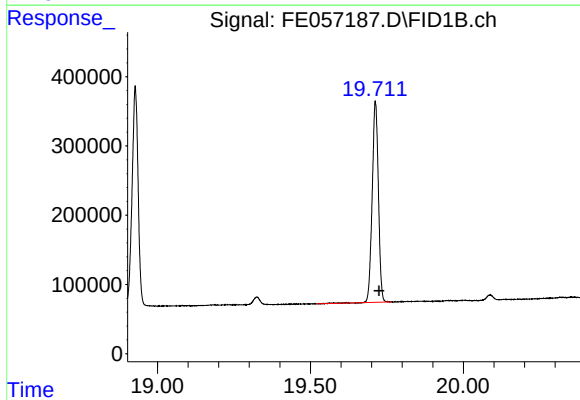
R.T.: 18.093 min
Delta R.T.: -0.012 min
Response: 4435418
Conc: 19.76 ug/ml

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20 PPM ALIPHATIC HC STD



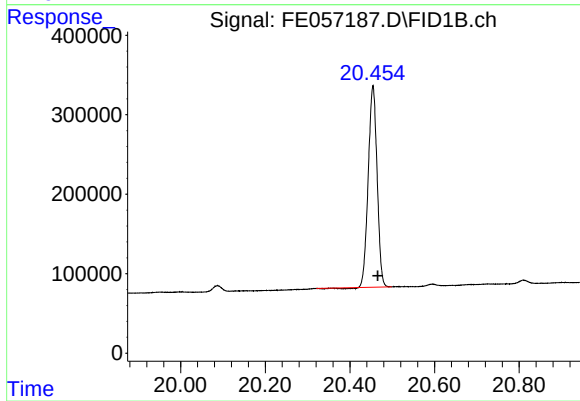
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.012 min
Response: 4341138
Conc: 18.60 ug/ml



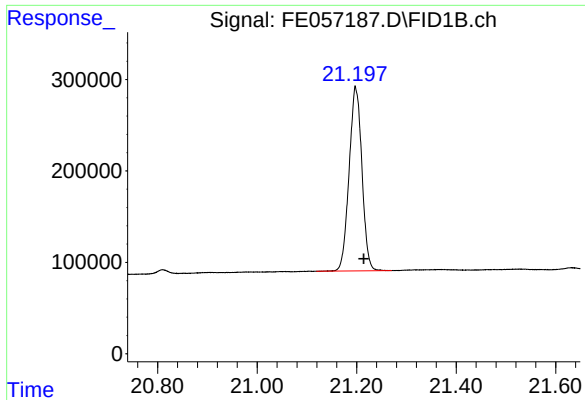
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: -0.012 min
Response: 4088583
Conc: 19.14 ug/ml



#20 n-Hexatriacontane (C36)

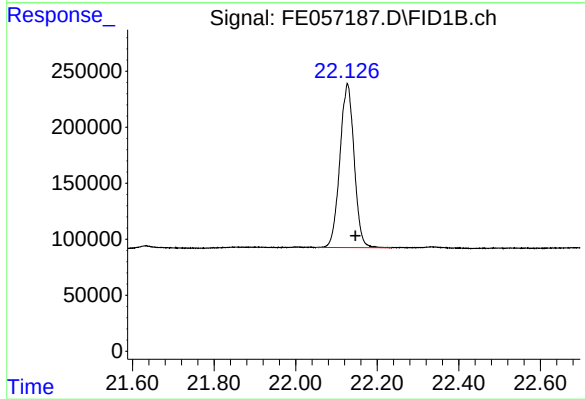
R.T.: 20.454 min
Delta R.T.: -0.012 min
Response: 3663081
Conc: 19.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: -0.016 min
Response: 3594257
Conc: 20.74 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: -0.019 min
Response: 3542958
Conc: 21.02 ug/ml