

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE093025AL\
 Data File : FE056080.D
 Signal(s) : FID1B.ch
 Acq On : 30 Sep 2025 10:08
 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: Sep 30 11:33:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.073	3845554	20.493 ug/ml
Spiked Amount 50.000		Recovery =	40.99%
12) S 1-chlorooctadecane (S...	13.510	2908289	20.838 ug/ml
Spiked Amount 50.000		Recovery =	41.68%
Target Compounds			
1) T n-Nonane (C9)	3.414	2526462	18.442 ug/ml
2) T n-Decane (C10)	4.672	2647947	18.973 ug/ml
3) T A~Naphthalene (C11.7)	6.392	3246755	20.335 ug/ml
4) T n-Dodecane (C12)	6.847	2878858	20.058 ug/ml
5) T A~2-methylnaphthalene...	7.492	3243836	20.858 ug/ml
6) T n-Tetradecane (C14)	8.683	3094756	20.932 ug/ml
7) T n-Hexadecane (C16)	10.297	3409194	21.454 ug/ml
8) T n-Octadecane (C18)	11.747	3595153	21.225 ug/ml
10) T n-Eicosane (C20)	13.061	3448457	20.803 ug/ml
11) T n-Heneicosane (C21)	13.675	3314274	20.397 ug/ml
13) T n-Docosane (C22)	14.263	3208878	20.082 ug/ml
14) T n-Tetracosane (C24)	15.369	2986003	19.596 ug/ml
15) T n-Hexacosane (C26)	16.394	2762863	19.371 ug/ml
16) T n-Octacosane (C28)	17.346	2691414	19.320 ug/ml
17) T n-Tricontane (C30)	18.235	2822624	19.048 ug/ml
18) T n-Dotriacontane (C32)	19.070	2909871	19.503 ug/ml
19) T n-Tetratriacontane (C34)	19.854	2855145	20.185 ug/ml
20) T n-Hexatriacontane (C36)	20.596	2746942	21.398 ug/ml
21) T n-Octatriacontane (C38)	21.372	2786243	21.214 ug/ml
22) T n-Tetracontane (C40)	22.355	2396962	20.148 ug/ml

(f)=RT Delta > 1/2 Window

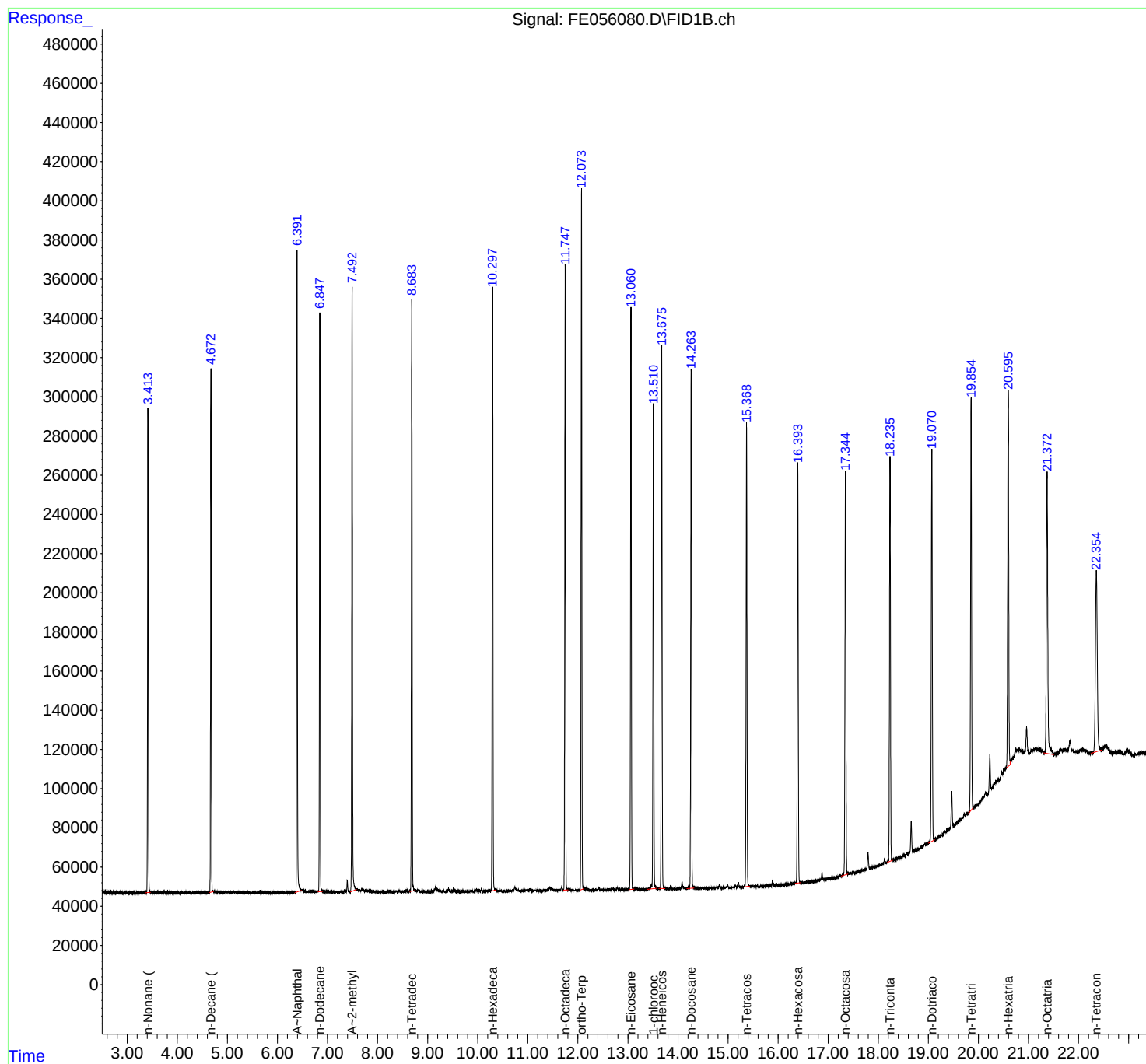
(m)=manual int.

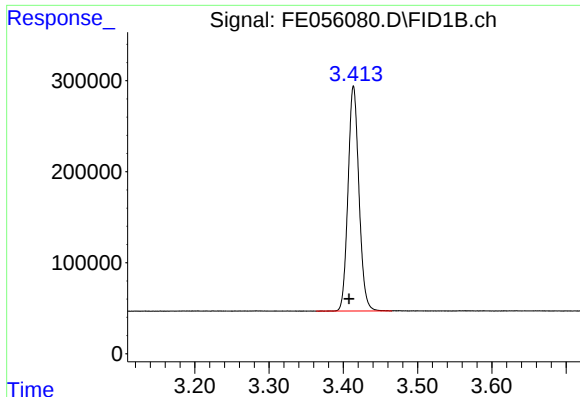
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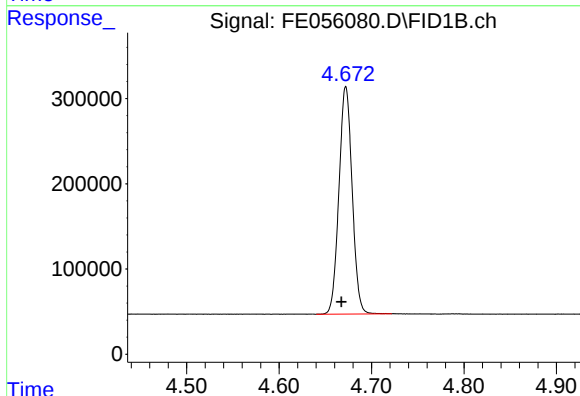




#1 n-Nonane (C9)

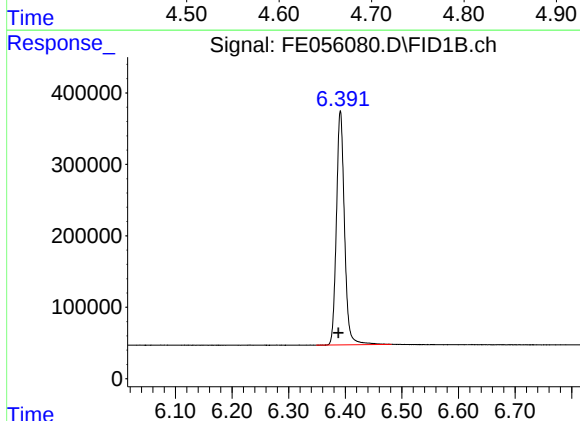
R.T.: 3.414 min
Delta R.T.: 0.006 min
Response: 2526462
Conc: 18.44 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



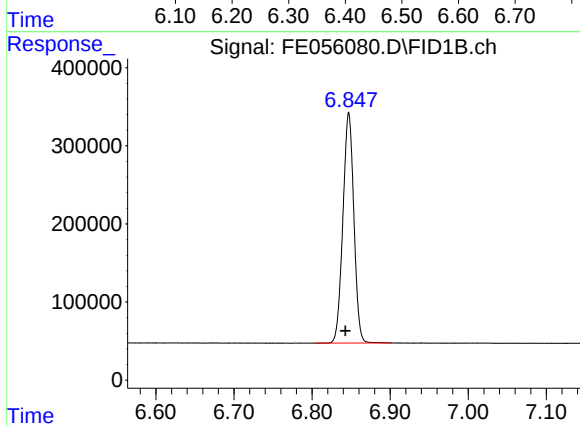
#2 n-Decane (C10)

R.T.: 4.672 min
Delta R.T.: 0.005 min
Response: 2647947
Conc: 18.97 ug/ml



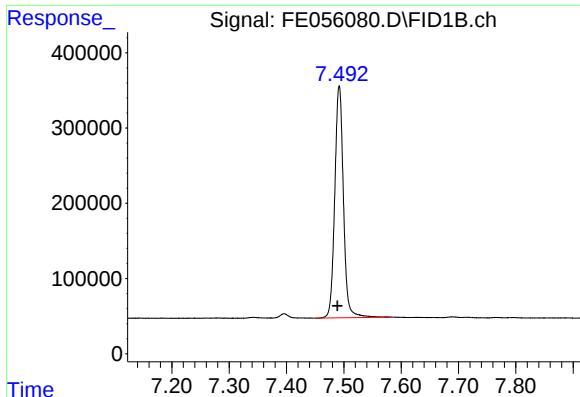
#3 A~Naphthalene (C11.7)

R.T.: 6.392 min
Delta R.T.: 0.003 min
Response: 3246755
Conc: 20.33 ug/ml



#4 n-Dodecane (C12)

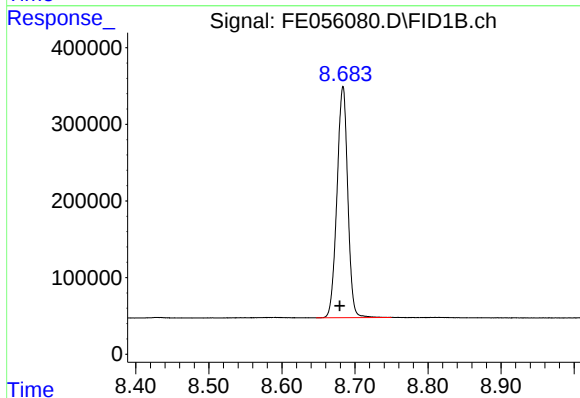
R.T.: 6.847 min
Delta R.T.: 0.004 min
Response: 2878858
Conc: 20.06 ug/ml



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

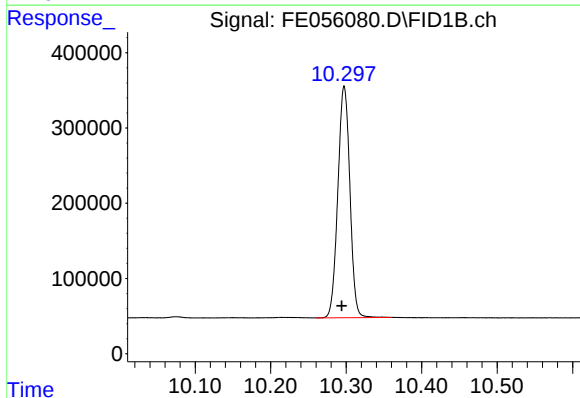
R.T.: 7.492 min
Delta R.T.: 0.003 min
Response: 3243836
Conc: 20.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



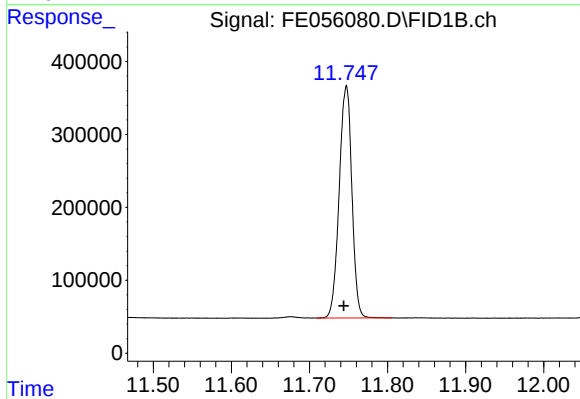
#6 n-Tetradecane (C14)

R.T.: 8.683 min
Delta R.T.: 0.004 min
Response: 3094756
Conc: 20.93 ug/ml



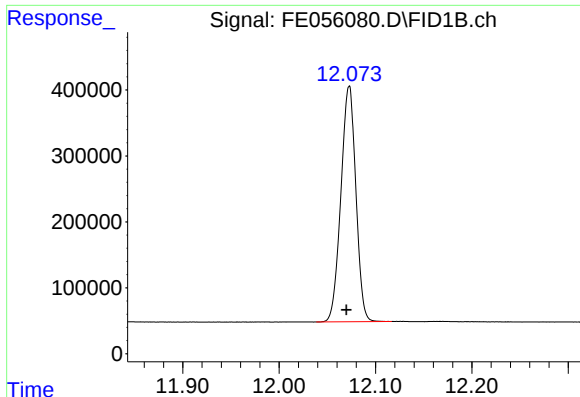
#7 n-Hexadecane (C16)

R.T.: 10.297 min
Delta R.T.: 0.003 min
Response: 3409194
Conc: 21.45 ug/ml



#8 n-Octadecane (C18)

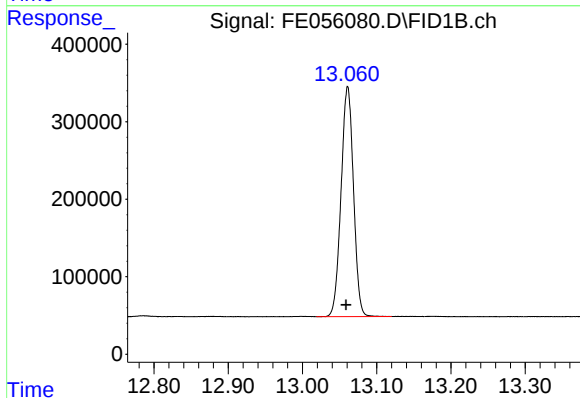
R.T.: 11.747 min
Delta R.T.: 0.003 min
Response: 3595153
Conc: 21.22 ug/ml



#9 ortho-Terphenyl (SURR)

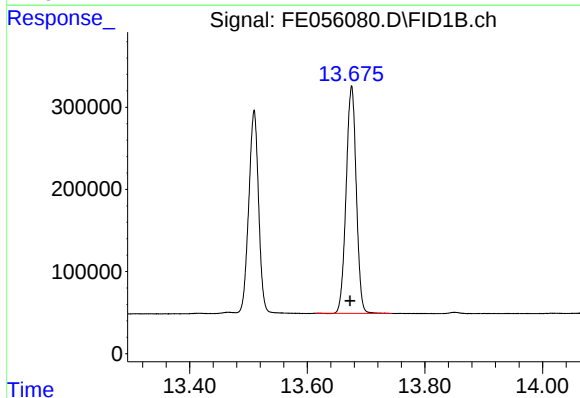
R.T.: 12.073 min
Delta R.T.: 0.003 min
Response: 3845554
Conc: 20.49 ug/ml

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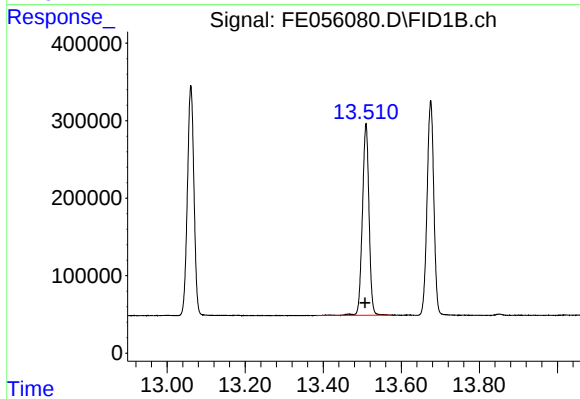
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: 0.002 min
Response: 3448457
Conc: 20.80 ug/ml



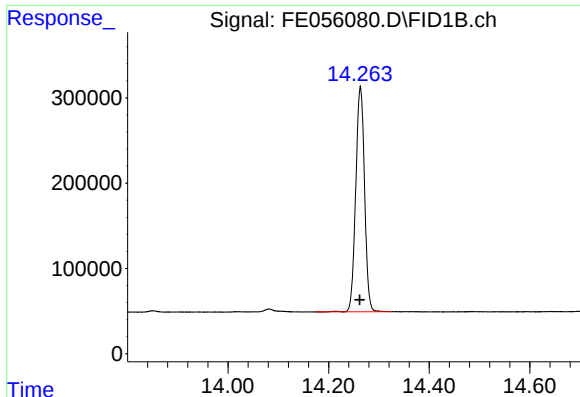
#11 n-Heneicosane (C21)

R.T.: 13.675 min
Delta R.T.: 0.002 min
Response: 3314274
Conc: 20.40 ug/ml



#12 1-chlorooctadecane (SURR)

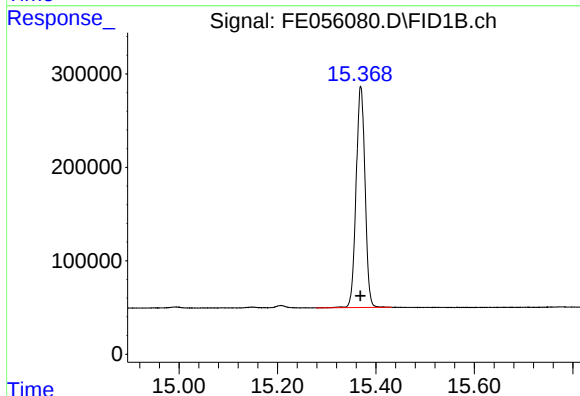
R.T.: 13.510 min
Delta R.T.: 0.002 min
Response: 2908289
Conc: 20.84 ug/ml



#13 n-Docosane (C22)

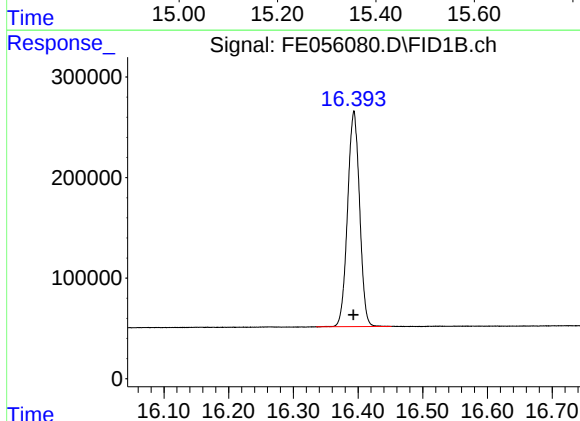
R.T.: 14.263 min
Delta R.T.: 0.002 min
Response: 3208878
Conc: 20.08 ug/ml

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20 PPM ALIPHATIC HC STD



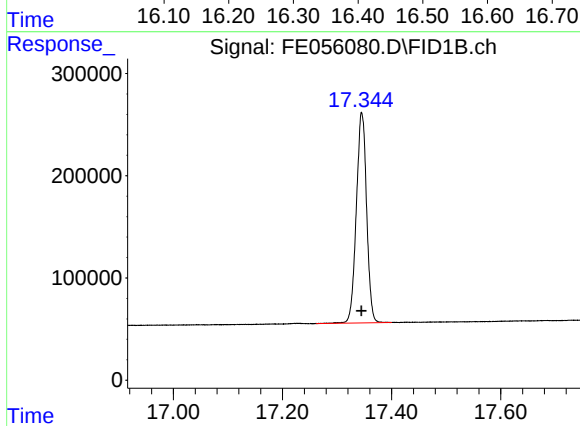
#14 n-Tetracosane (C24)

R.T.: 15.369 min
Delta R.T.: 0.000 min
Response: 2986003
Conc: 19.60 ug/ml



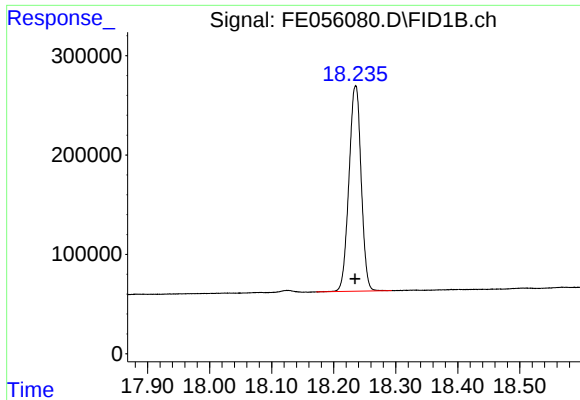
#15 n-Hexacosane (C26)

R.T.: 16.394 min
Delta R.T.: 0.000 min
Response: 2762863
Conc: 19.37 ug/ml



#16 n-Octacosane (C28)

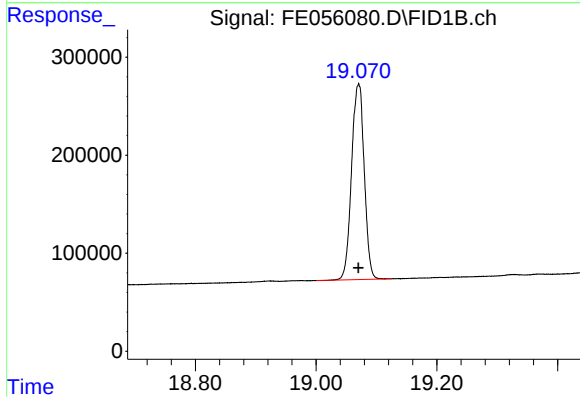
R.T.: 17.346 min
Delta R.T.: 0.000 min
Response: 2691414
Conc: 19.32 ug/ml



#17 n-Tricontane (C30)

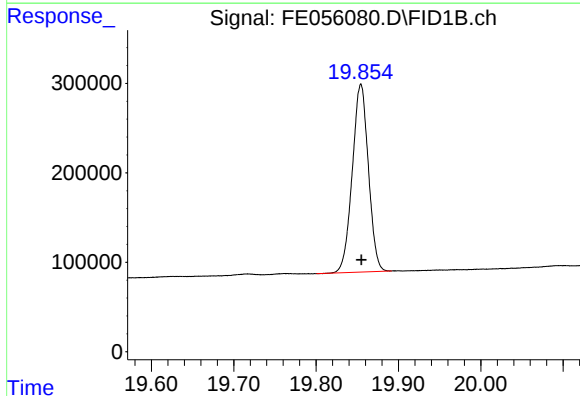
R.T.: 18.235 min
Delta R.T.: 0.000 min
Response: 2822624
Conc: 19.05 ug/ml

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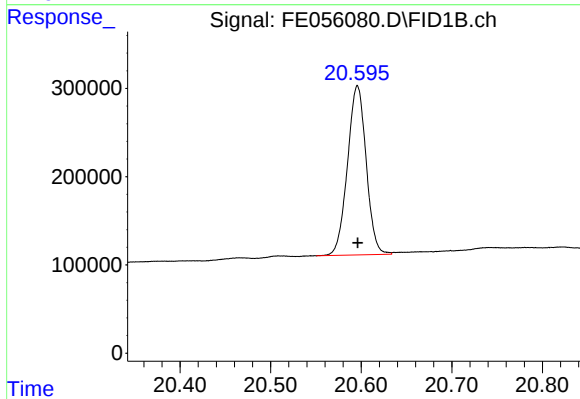
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: 0.000 min
Response: 2909871
Conc: 19.50 ug/ml



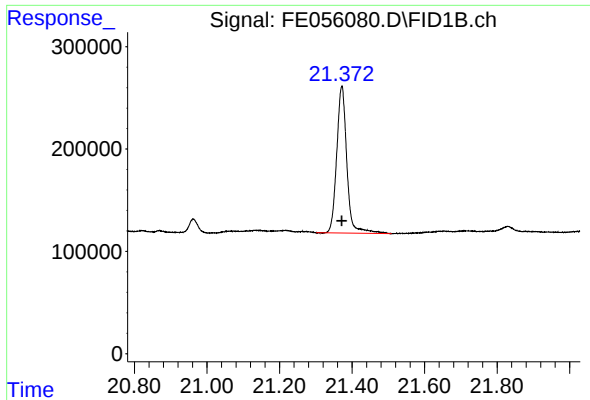
#19 n-Tetratriacontane (C34)

R.T.: 19.854 min
Delta R.T.: 0.000 min
Response: 2855145
Conc: 20.18 ug/ml



#20 n-Hexatriacontane (C36)

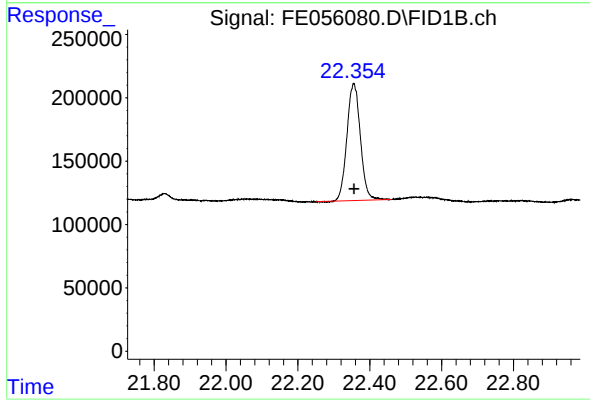
R.T.: 20.596 min
Delta R.T.: 0.000 min
Response: 2746942
Conc: 21.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.372 min
Delta R.T.: 0.000 min
Response: 2786243
Conc: 21.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.355 min
Delta R.T.: -0.001 min
Response: 2396962
Conc: 20.15 ug/ml