

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031125AL\
 Data File : FE052727.D
 Signal(s) : FID1B.ch
 Acq On : 11 Mar 2025 09:46
 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: Mar 12 02:06:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.909	3469374	20.579 ug/ml
Spiked Amount 50.000		Recovery =	41.16%
12) S 1-chlorooctadecane (S...	13.354	2549643	20.997 ug/ml
Spiked Amount 50.000		Recovery =	41.99%
Target Compounds			
1) T n-Nonane (C9)	3.248	3167333	20.428 ug/ml
2) T n-Decane (C10)	4.510	3285613	20.915 ug/ml
3) T A~Naphthalene (C11.7)	6.223	3515111	20.727 ug/ml
4) T n-Dodecane (C12)	6.691	3265308	20.972 ug/ml
5) T A~2-methylnaphthalene...	7.325	3365947	20.770 ug/ml
6) T n-Tetradecane (C14)	8.528	3177323	20.999 ug/ml
7) T n-Hexadecane (C16)	10.143	3206276	20.971 ug/ml
8) T n-Octadecane (C18)	11.593	3173471	20.859 ug/ml
10) T n-Eicosane (C20)	12.908	3019859	20.802 ug/ml
11) T n-Heneicosane (C21)	13.522	2950990	20.734 ug/ml
13) T n-Docosane (C22)	14.110	2960583	20.804 ug/ml
14) T n-Tetracosane (C24)	15.217	3008652	21.024 ug/ml
15) T n-Hexacosane (C26)	16.240	3005009	21.133 ug/ml
16) T n-Octacosane (C28)	17.193	3049616	21.447 ug/ml
17) T n-Tricontane (C30)	18.084	3201568	21.676 ug/ml
18) T n-Dotriacontane (C32)	18.918	3183937	21.931 ug/ml
19) T n-Tetratriacontane (C34)	19.704	2959293	21.957 ug/ml
20) T n-Hexatriacontane (C36)	20.446	2646166	22.270 ug/ml
21) T n-Octatriacontane (C38)	21.187	2441295	22.006 ug/ml
22) T n-Tetracontane (C40)	22.107	2345901	21.698 ug/ml

(f)=RT Delta > 1/2 Window

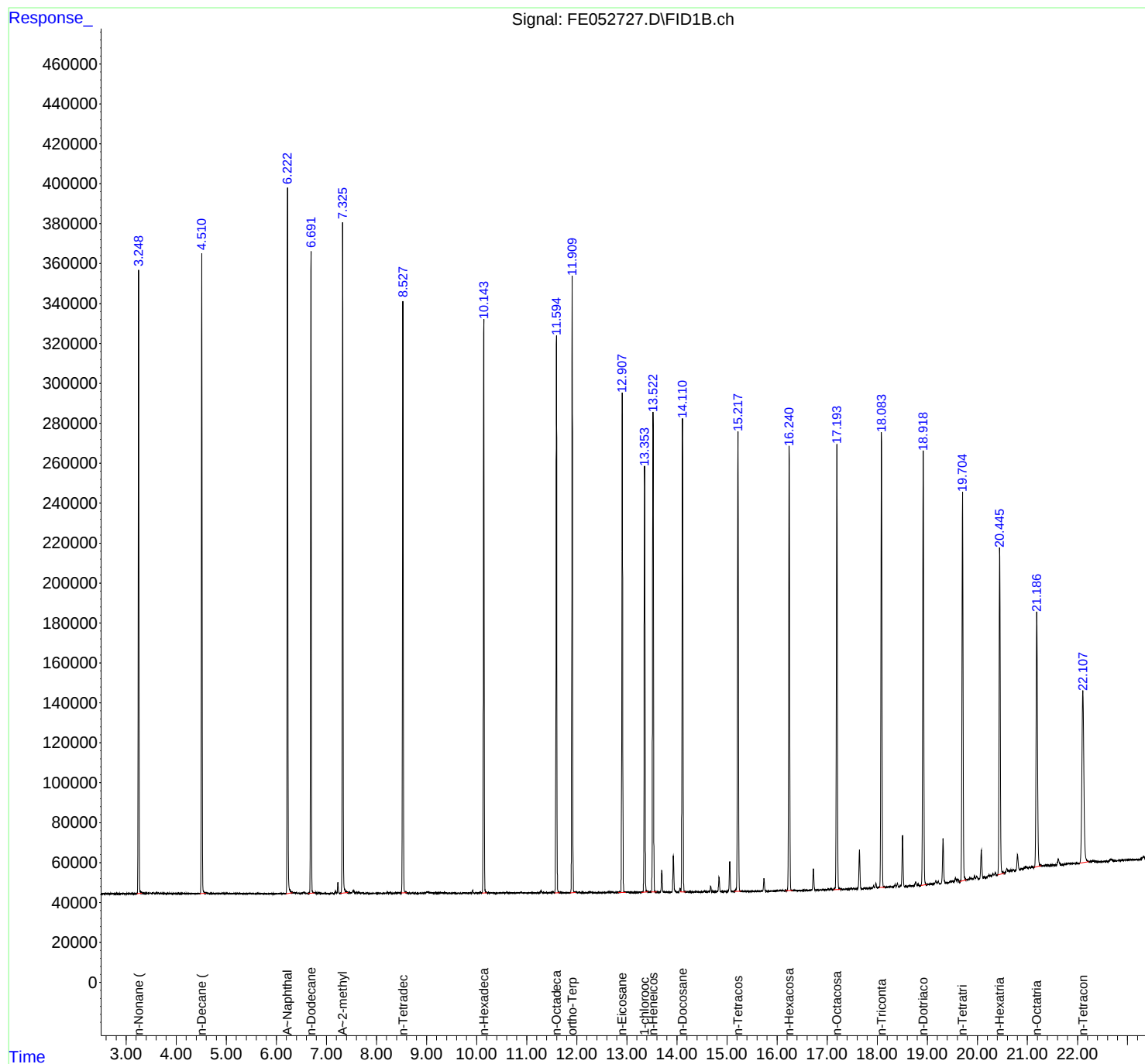
(m)=manual int.

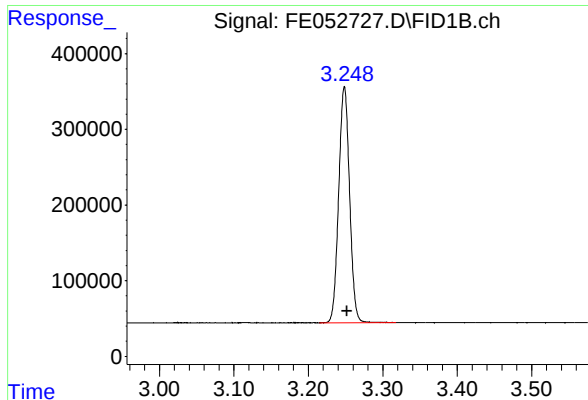
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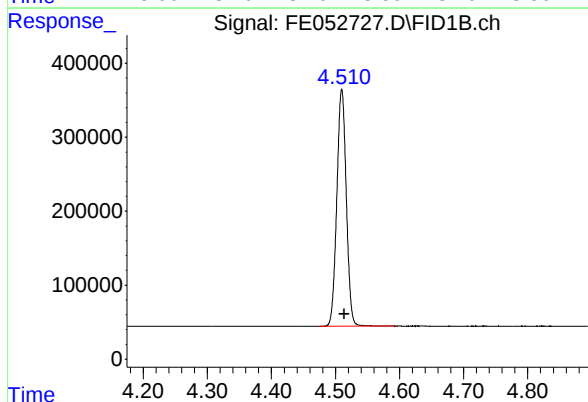




#1 n-Nonane (C9)

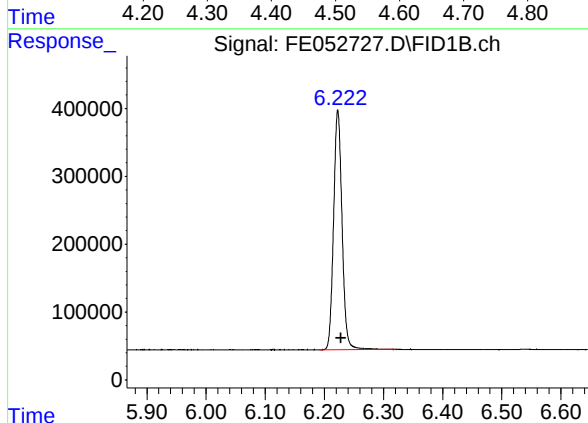
R.T.: 3.248 min
Delta R.T.: -0.004 min
Response: 3167333
Conc: 20.43 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



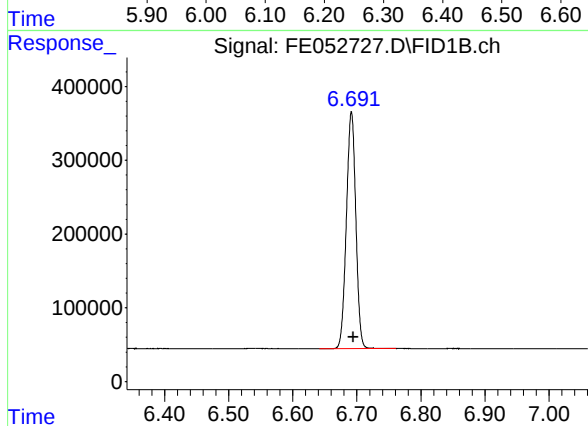
#2 n-Decane (C10)

R.T.: 4.510 min
Delta R.T.: -0.004 min
Response: 3285613
Conc: 20.91 ug/ml



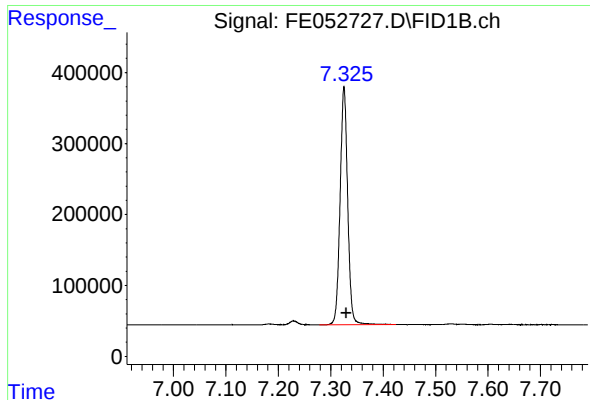
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: -0.005 min
Response: 3515111
Conc: 20.73 ug/ml



#4 n-Dodecane (C12)

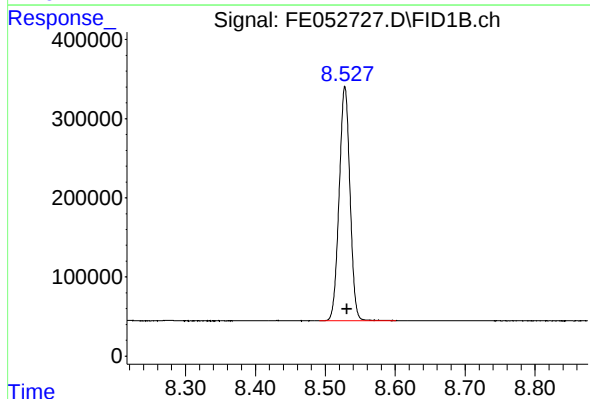
R.T.: 6.691 min
Delta R.T.: -0.003 min
Response: 3265308
Conc: 20.97 ug/ml



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

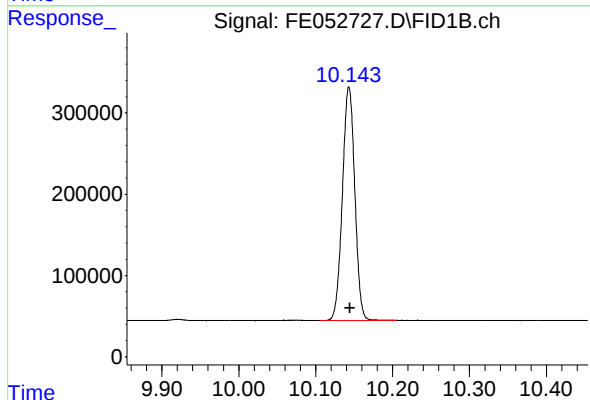
R.T.: 7.325 min
Delta R.T.: -0.004 min
Response: 3365947
Conc: 20.77 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



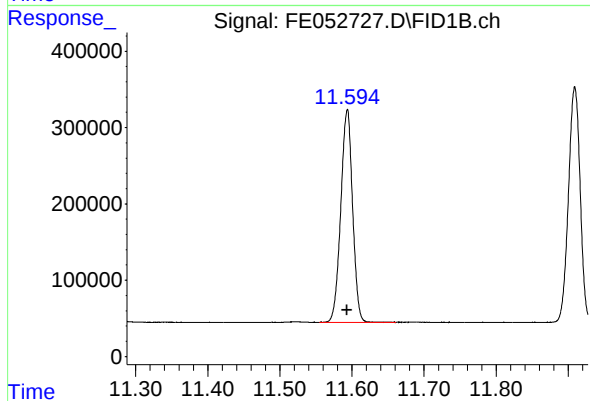
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.003 min
Response: 3177323
Conc: 21.00 ug/ml



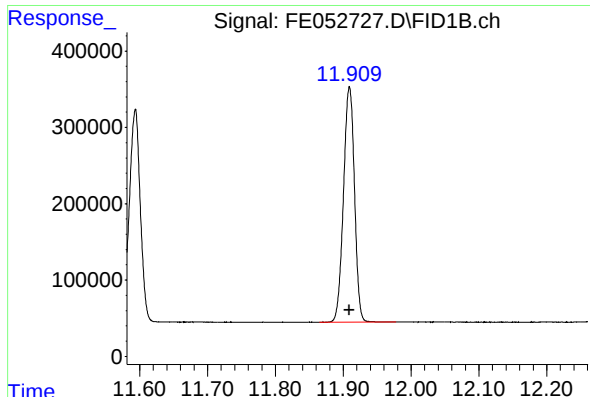
#7 n-Hexadecane (C16)

R.T.: 10.143 min
Delta R.T.: -0.001 min
Response: 3206276
Conc: 20.97 ug/ml



#8 n-Octadecane (C18)

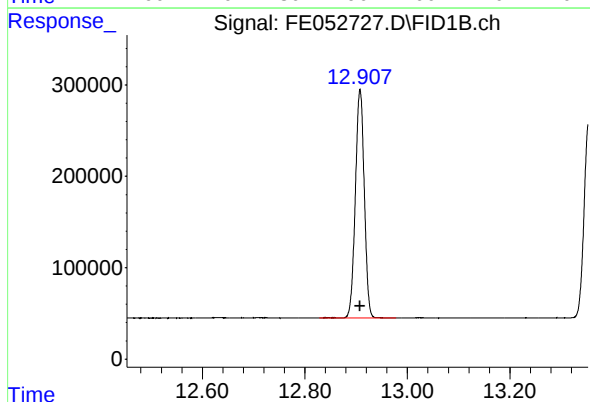
R.T.: 11.593 min
Delta R.T.: 0.000 min
Response: 3173471
Conc: 20.86 ug/ml



#9 ortho-Terphenyl (SURR)

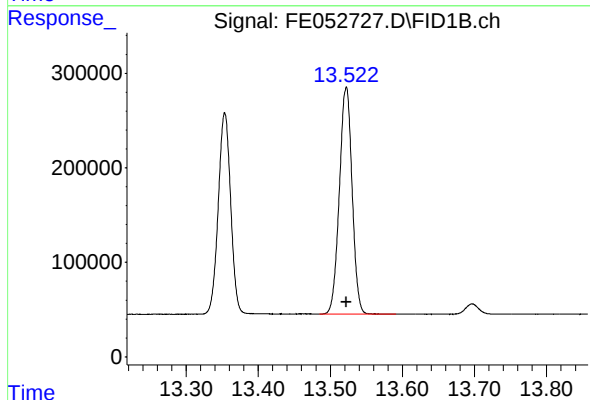
R.T.: 11.909 min
Delta R.T.: 0.000 min
Response: 3469374
Conc: 20.58 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



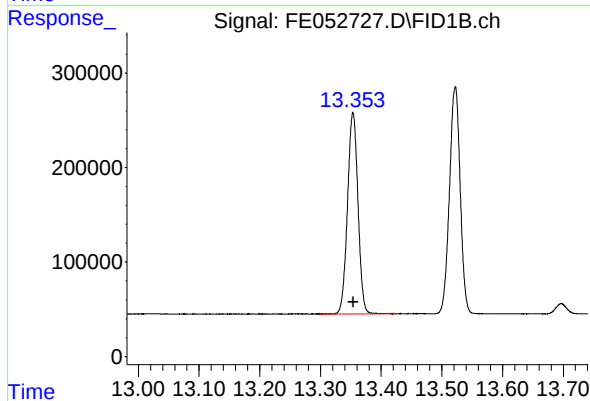
#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: 0.000 min
Response: 3019859
Conc: 20.80 ug/ml



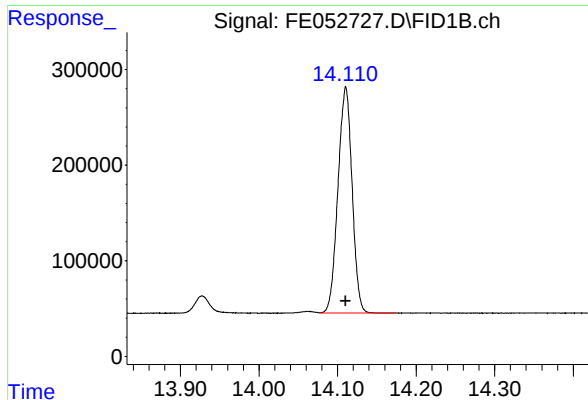
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.000 min
Response: 2950990
Conc: 20.73 ug/ml



#12 1-chlorooctadecane (SURR)

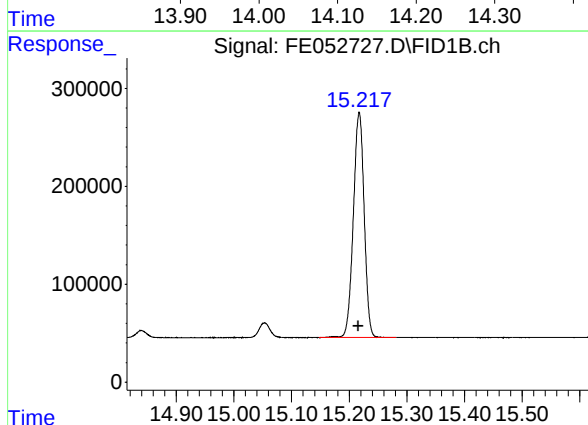
R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 2549643
Conc: 21.00 ug/ml



#13 n-Docosane (C22)

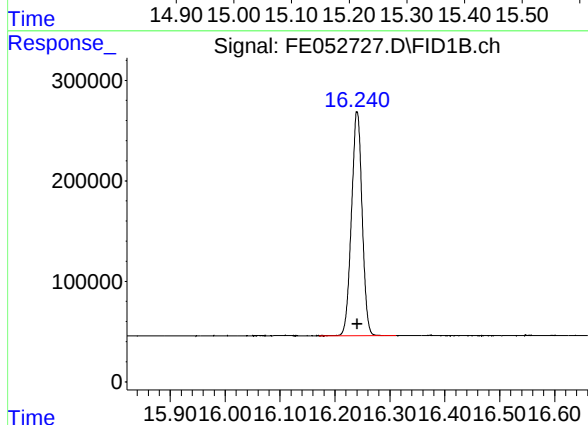
R.T.: 14.110 min
Delta R.T.: 0.000 min
Response: 2960583
Conc: 20.80 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



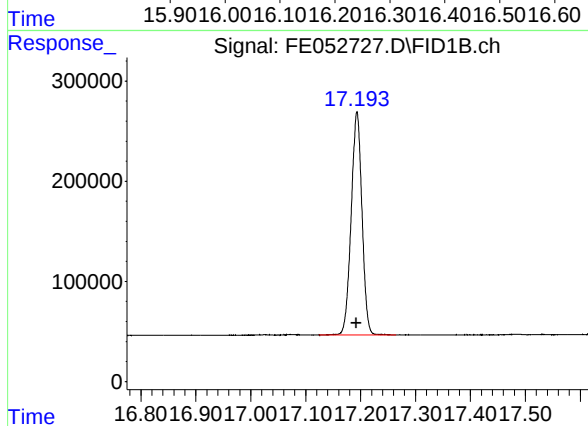
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: 0.001 min
Response: 3008652
Conc: 21.02 ug/ml



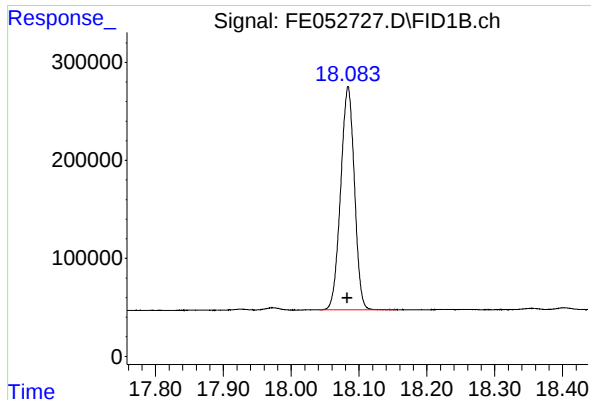
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: 0.000 min
Response: 3005009
Conc: 21.13 ug/ml



#16 n-Octacosane (C28)

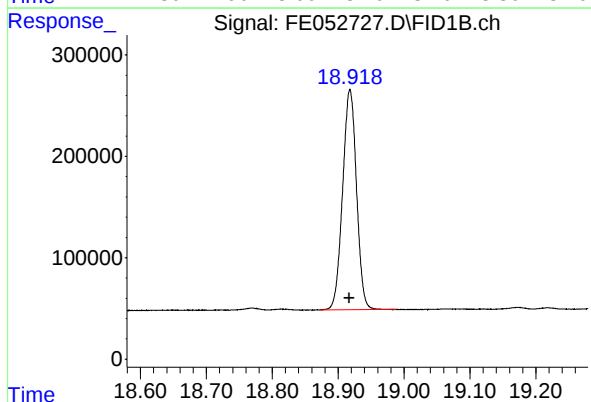
R.T.: 17.193 min
Delta R.T.: 0.001 min
Response: 3049616
Conc: 21.45 ug/ml



#17 n-Tricontane (C30)

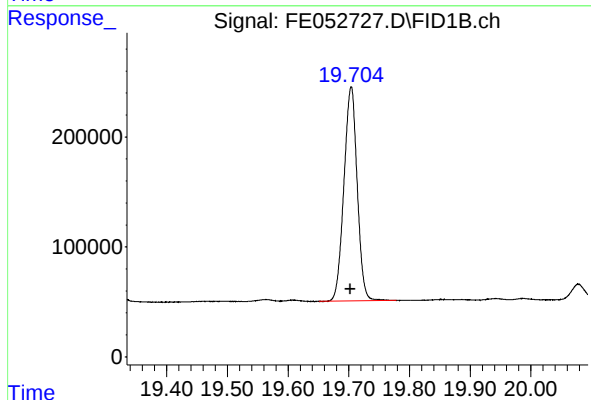
R.T.: 18.084 min
Delta R.T.: 0.001 min
Response: 3201568
Conc: 21.68 ug/ml

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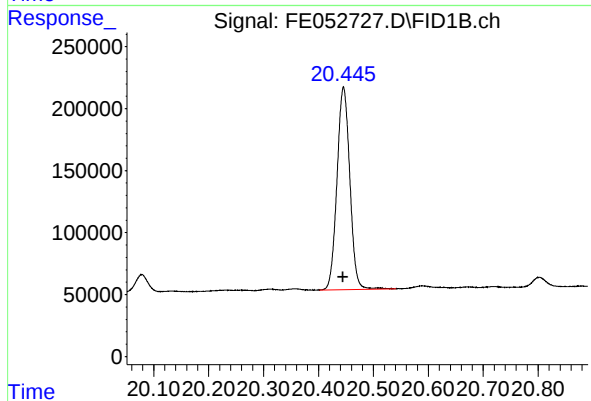
#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: 0.001 min
Response: 3183937
Conc: 21.93 ug/ml



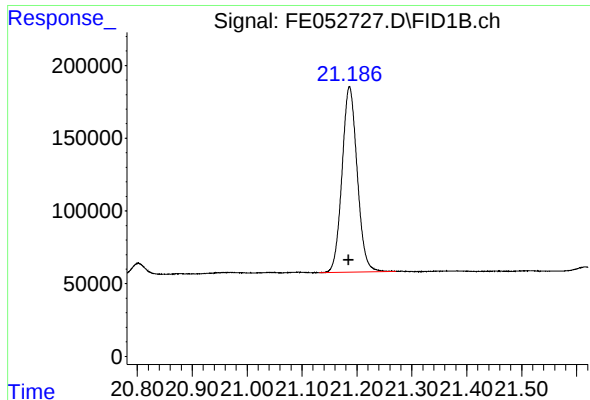
#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: 0.001 min
Response: 2959293
Conc: 21.96 ug/ml



#20 n-Hexatriacontane (C36)

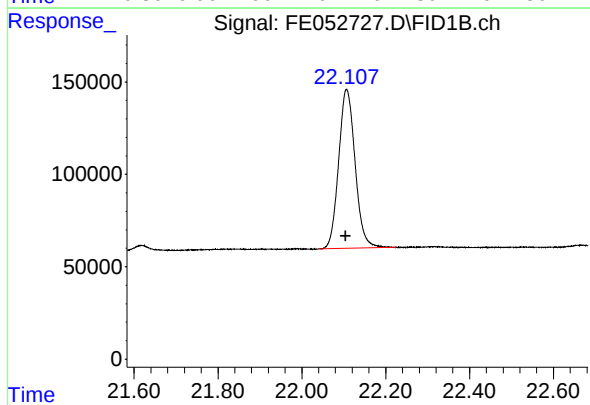
R.T.: 20.446 min
Delta R.T.: 0.000 min
Response: 2646166
Conc: 22.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: 0.002 min
Response: 2441295
Conc: 22.01 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: 0.002 min
Response: 2345901
Conc: 21.70 ug/ml