

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054327.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 07:38
 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: Jun 13 01:12:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.829	3370582	20.399 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
12) S 1-chlorooctadecane (S...	13.273	2497214	20.478 ug/ml
Spiked Amount 50.000		Recovery =	40.96%
Target Compounds			
1) T n-Nonane (C9)	3.177	2547231	20.512 ug/ml
2) T n-Decane (C10)	4.440	2566920	20.659 ug/ml
3) T A~Naphthalene (C11.7)	6.155	2752920	20.371 ug/ml
4) T n-Dodecane (C12)	6.622	2632929	20.678 ug/ml
5) T A~2-methylnaphthalene...	7.257	2786833	21.040 ug/ml
6) T n-Tetradecane (C14)	8.457	2654040	20.500 ug/ml
7) T n-Hexadecane (C16)	10.069	2717296	20.456 ug/ml
8) T n-Octadecane (C18)	11.515	2762563	20.458 ug/ml
10) T n-Eicosane (C20)	12.829	2727568	20.389 ug/ml
11) T n-Heneicosane (C21)	13.442	2705799	20.349 ug/ml
13) T n-Docosane (C22)	14.029	2690094	20.516 ug/ml
14) T n-Tetracosane (C24)	15.134	2660435	20.624 ug/ml
15) T n-Hexacosane (C26)	16.157	2592910	20.656 ug/ml
16) T n-Octacosane (C28)	17.108	2555161	20.836 ug/ml
17) T n-Tricontane (C30)	17.997	2623866	21.170 ug/ml
18) T n-Dotriacontane (C32)	18.831	2679551	21.326 ug/ml
19) T n-Tetratriacontane (C34)	19.617	2636243	21.191 ug/ml
20) T n-Hexatriacontane (C36)	20.358	2697923	20.958 ug/ml
21) T n-Octatriacontane (C38)	21.084	2740842	20.757 ug/ml
22) T n-Tetracontane (C40)	21.974	2740775	20.346 ug/ml

(f)=RT Delta > 1/2 Window

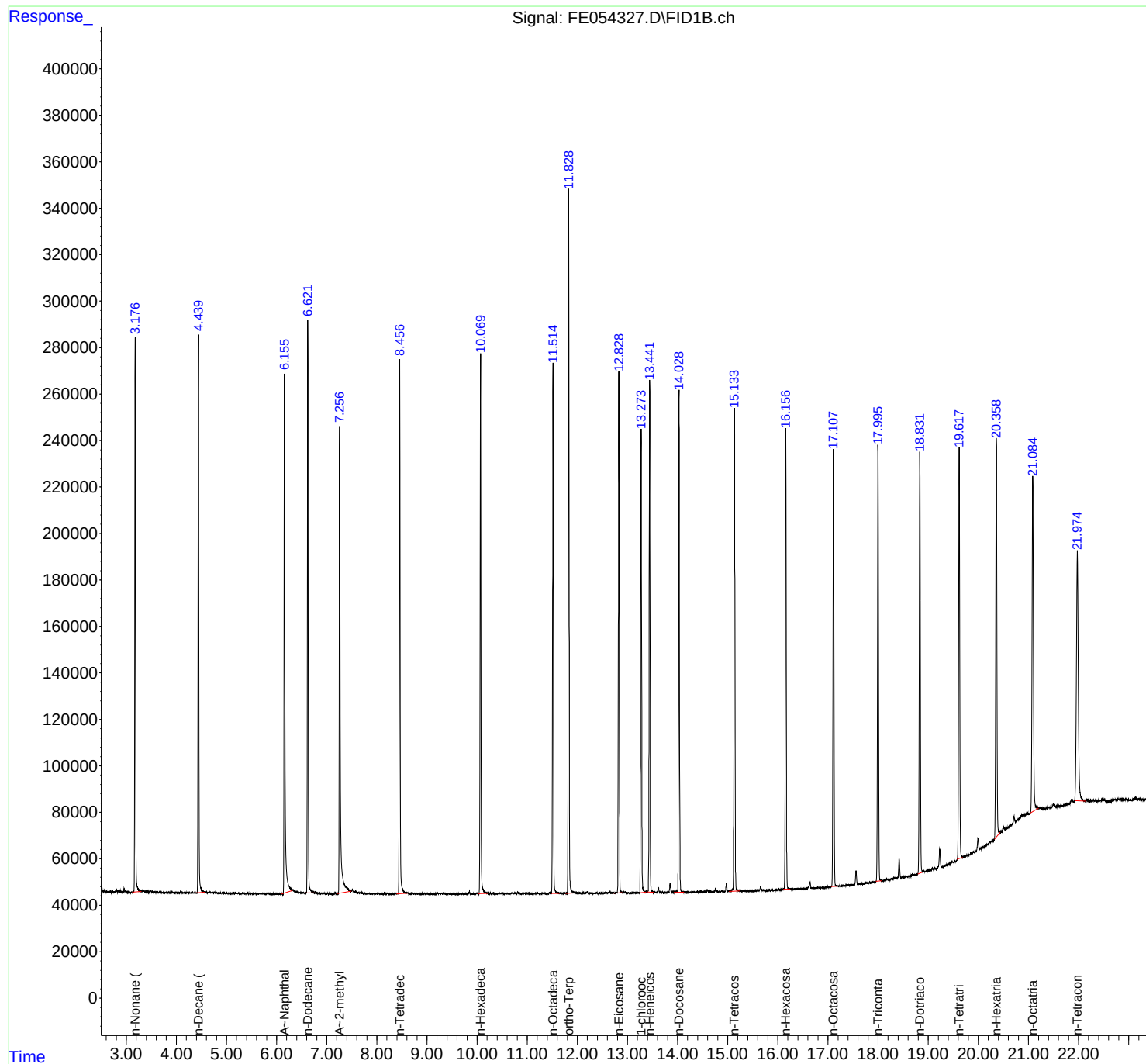
(m)=manual int.

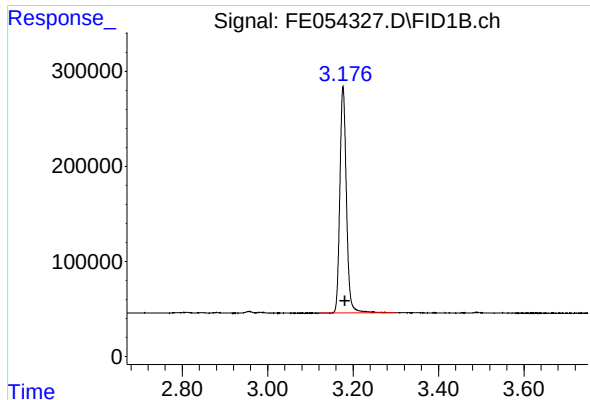
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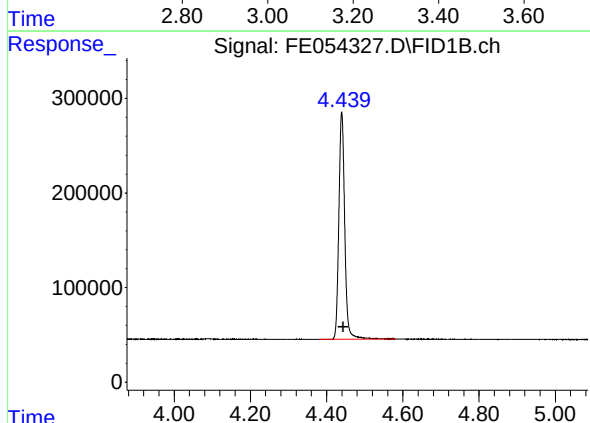




#1 n-Nonane (C9)

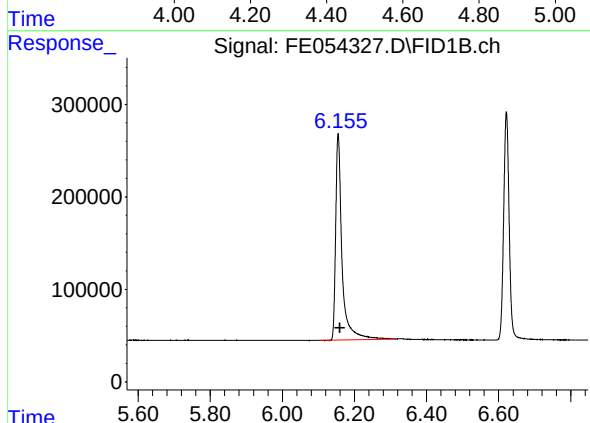
R.T.: 3.177 min
Delta R.T.: -0.004 min
Response: 2547231
Conc: 20.51 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



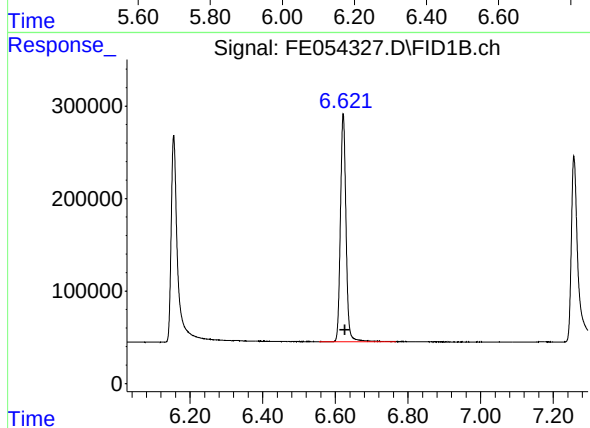
#2 n-Decane (C10)

R.T.: 4.440 min
Delta R.T.: -0.004 min
Response: 2566920
Conc: 20.66 ug/ml



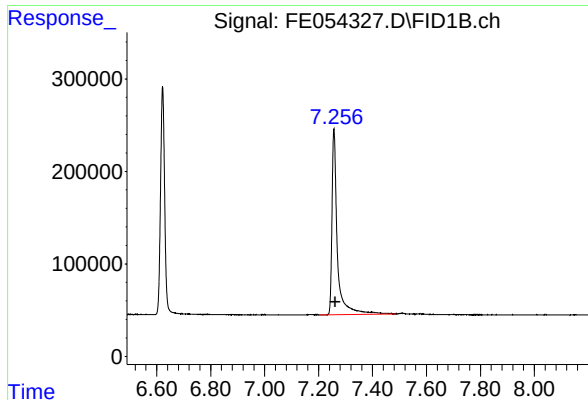
#3 A~Naphthalene (C11.7)

R.T.: 6.155 min
Delta R.T.: -0.005 min
Response: 2752920
Conc: 20.37 ug/ml



#4 n-Dodecane (C12)

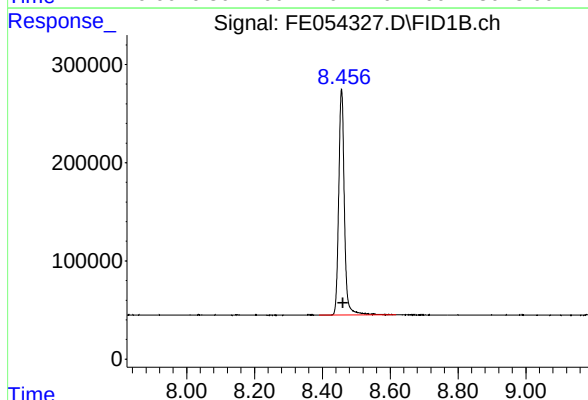
R.T.: 6.622 min
Delta R.T.: -0.005 min
Response: 2632929
Conc: 20.68 ug/ml



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

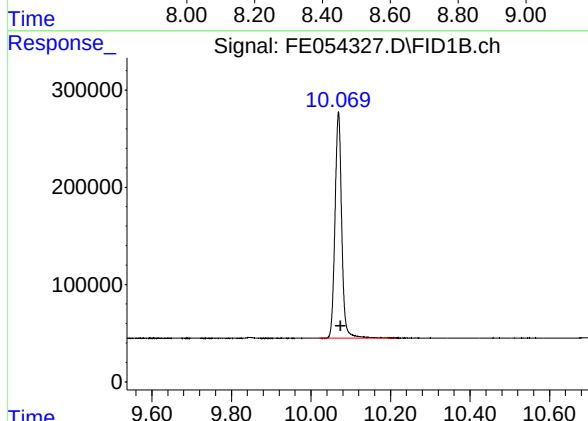
R.T.: 7.257 min
Delta R.T.: -0.005 min
Response: 2786833
Conc: 21.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



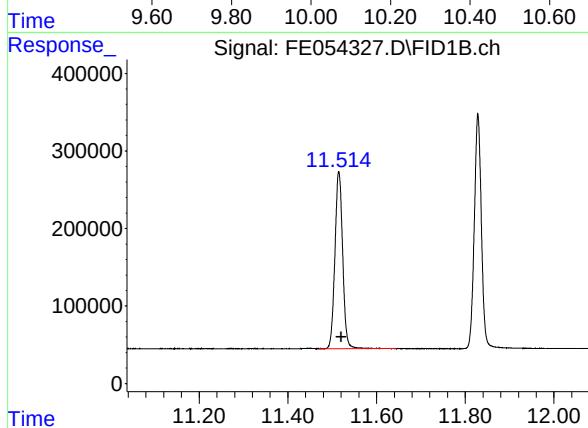
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 2654040
Conc: 20.50 ug/ml



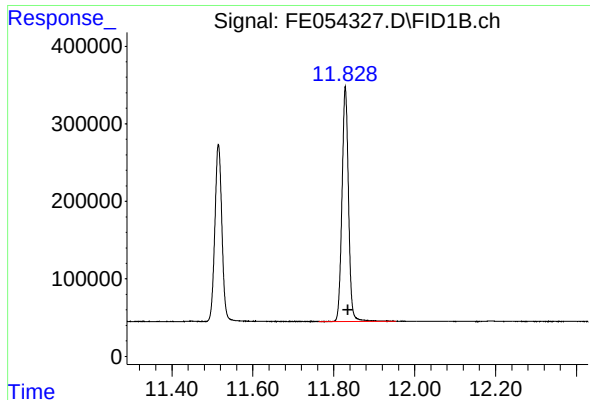
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: -0.005 min
Response: 2717296
Conc: 20.46 ug/ml



#8 n-Octadecane (C18)

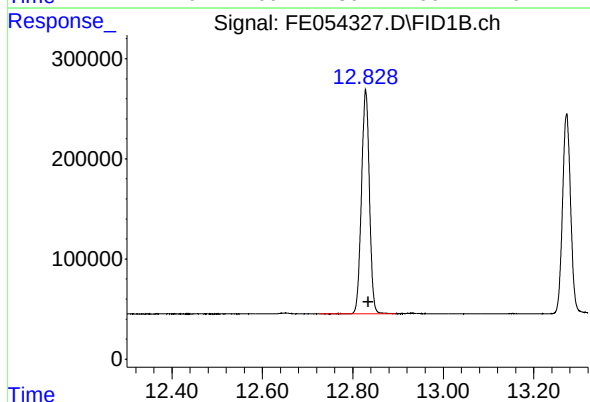
R.T.: 11.515 min
Delta R.T.: -0.006 min
Response: 2762563
Conc: 20.46 ug/ml



#9 ortho-Terphenyl (SURR)

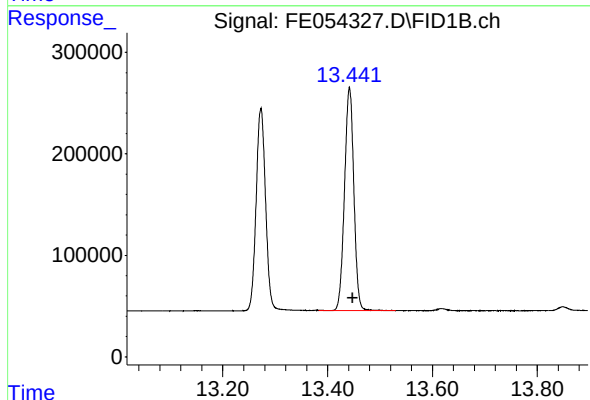
R.T.: 11.829 min
Delta R.T.: -0.006 min
Response: 3370582
Conc: 20.40 ug/ml

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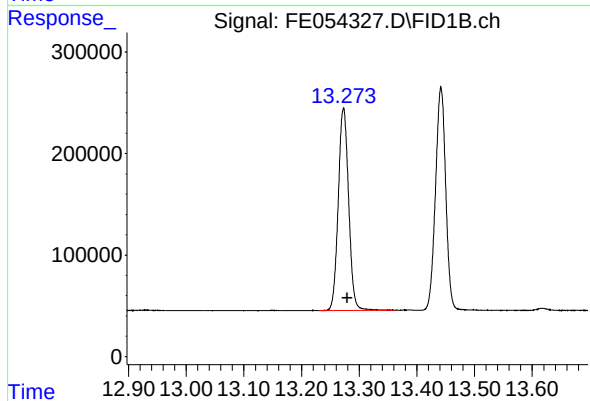
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.006 min
Response: 2727568
Conc: 20.39 ug/ml



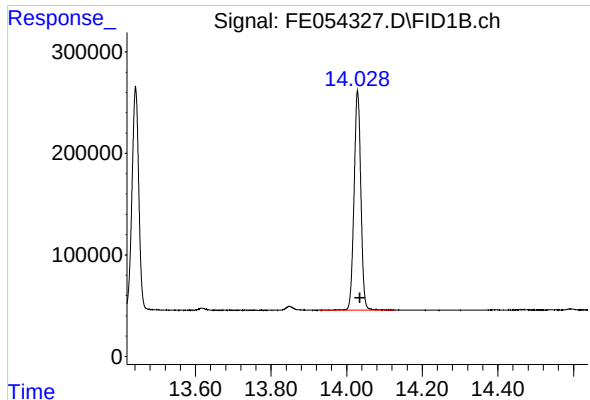
#11 n-Heneicosane (C21)

R.T.: 13.442 min
Delta R.T.: -0.006 min
Response: 2705799
Conc: 20.35 ug/ml



#12 1-chlorooctadecane (SURR)

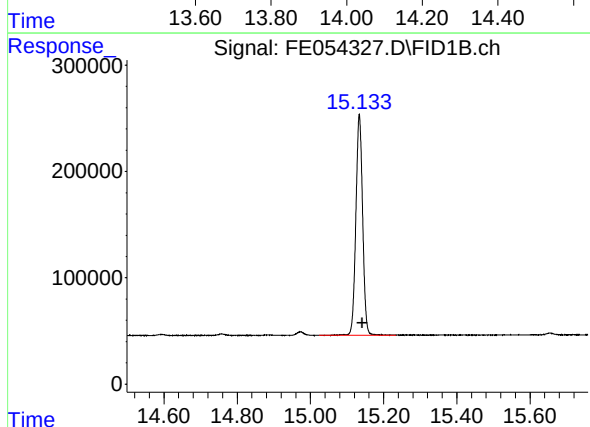
R.T.: 13.273 min
Delta R.T.: -0.007 min
Response: 2497214
Conc: 20.48 ug/ml



#13 n-Docosane (C22)

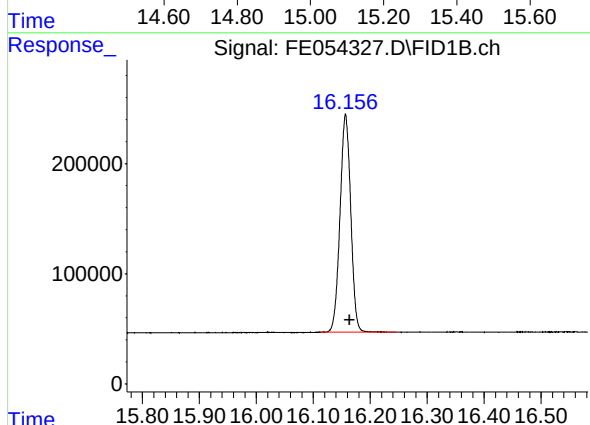
R.T.: 14.029 min
Delta R.T.: -0.006 min
Response: 2690094
Conc: 20.52 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



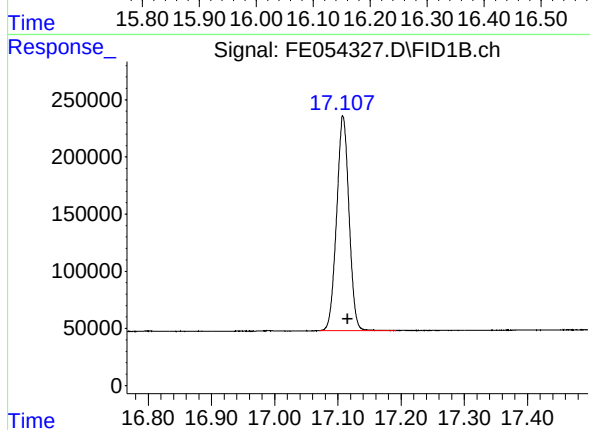
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.008 min
Response: 2660435
Conc: 20.62 ug/ml



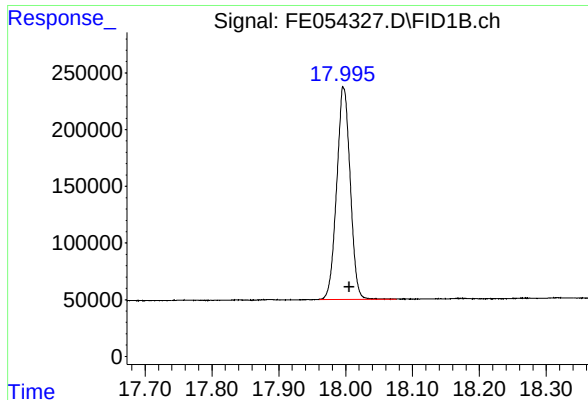
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: -0.007 min
Response: 2592910
Conc: 20.66 ug/ml



#16 n-Octacosane (C28)

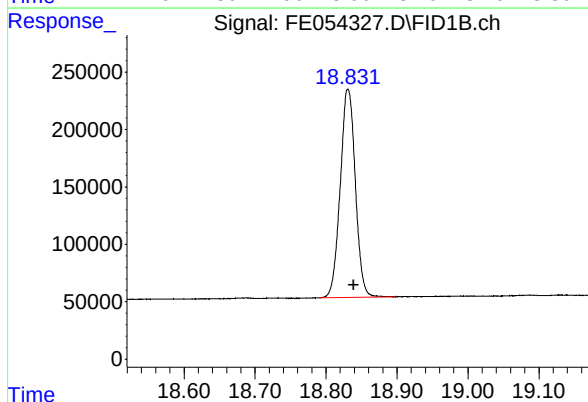
R.T.: 17.108 min
Delta R.T.: -0.007 min
Response: 2555161
Conc: 20.84 ug/ml



#17 n-Tricontane (C30)

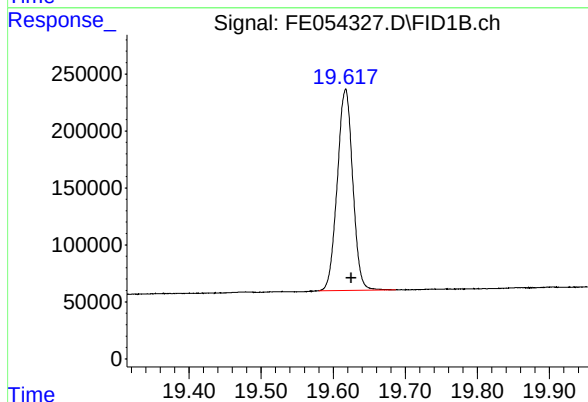
R.T.: 17.997 min
Delta R.T.: -0.008 min
Response: 2623866
Conc: 21.17 ug/ml

Instrument :
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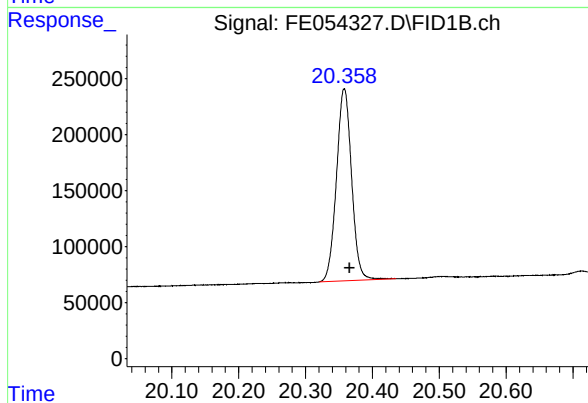
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.008 min
Response: 2679551
Conc: 21.33 ug/ml



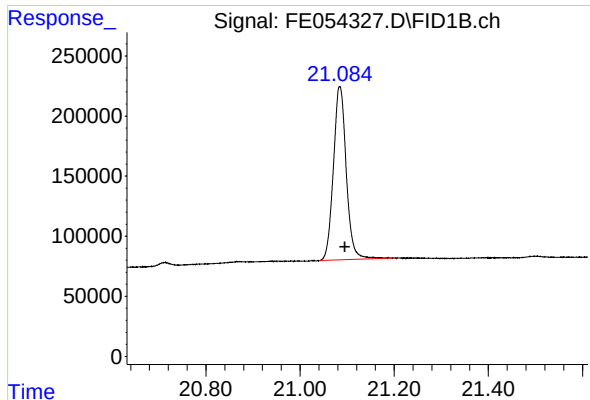
#19 n-Tetatriacontane (C34)

R.T.: 19.617 min
Delta R.T.: -0.008 min
Response: 2636243
Conc: 21.19 ug/ml



#20 n-Hexatriacontane (C36)

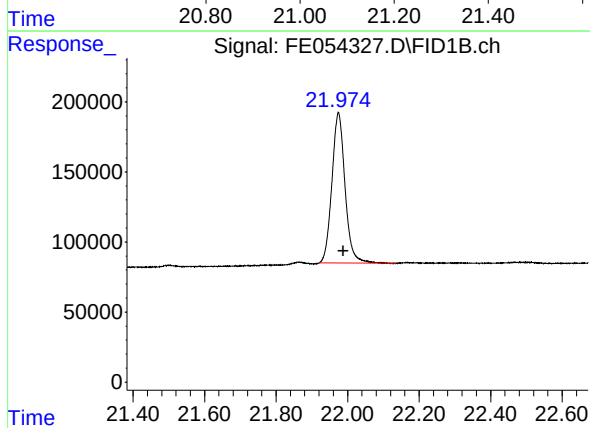
R.T.: 20.358 min
Delta R.T.: -0.008 min
Response: 2697923
Conc: 20.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: -0.011 min
Response: 2740842
Conc: 20.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.014 min
Response: 2740775
Conc: 20.35 ug/ml