

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061125AL\
 Data File : FE054304.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jun 2025 00:20
 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 11 02:42:36 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)	11.830	3282177	19.864 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
12) S 1-chlorooctadecane (S...	13.274	2440580	20.013 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
Target Compounds			
1) T n-Nonane (C9)	3.178	2476767	19.945 ug/ml
2) T n-Decane (C10)	4.441	2498096	20.105 ug/ml
3) T A~Naphthalene (C11.7)	6.156	2769745	20.495 ug/ml
4) T n-Dodecane (C12)	6.623	2560372	20.108 ug/ml
5) T A~2-methylnaphthalene...	7.258	2714238	20.492 ug/ml
6) T n-Tetradecane (C14)	8.457	2586515	19.979 ug/ml
7) T n-Hexadecane (C16)	10.069	2648427	19.937 ug/ml
8) T n-Octadecane (C18)	11.516	2694759	19.956 ug/ml
10) T n-Eicosane (C20)	12.829	2653836	19.838 ug/ml
11) T n-Heneicosane (C21)	13.442	2643107	19.878 ug/ml
13) T n-Docosane (C22)	14.029	2609585	19.902 ug/ml
14) T n-Tetracosane (C24)	15.135	2578443	19.989 ug/ml
15) T n-Hexacosane (C26)	16.157	2501023	19.924 ug/ml
16) T n-Octacosane (C28)	17.109	2467630	20.122 ug/ml
17) T n-Tricontane (C30)	17.997	2515352	20.295 ug/ml
18) T n-Dotriacontane (C32)	18.830	2575672	20.500 ug/ml
19) T n-Tetratriacontane (C34)	19.616	2529115	20.329 ug/ml
20) T n-Hexatriacontane (C36)	20.357	2615813	20.320 ug/ml
21) T n-Octatriacontane (C38)	21.085	2655163	20.109 ug/ml
22) T n-Tetracontane (C40)	21.974	2659724	19.745 ug/ml

(f)=RT Delta > 1/2 Window

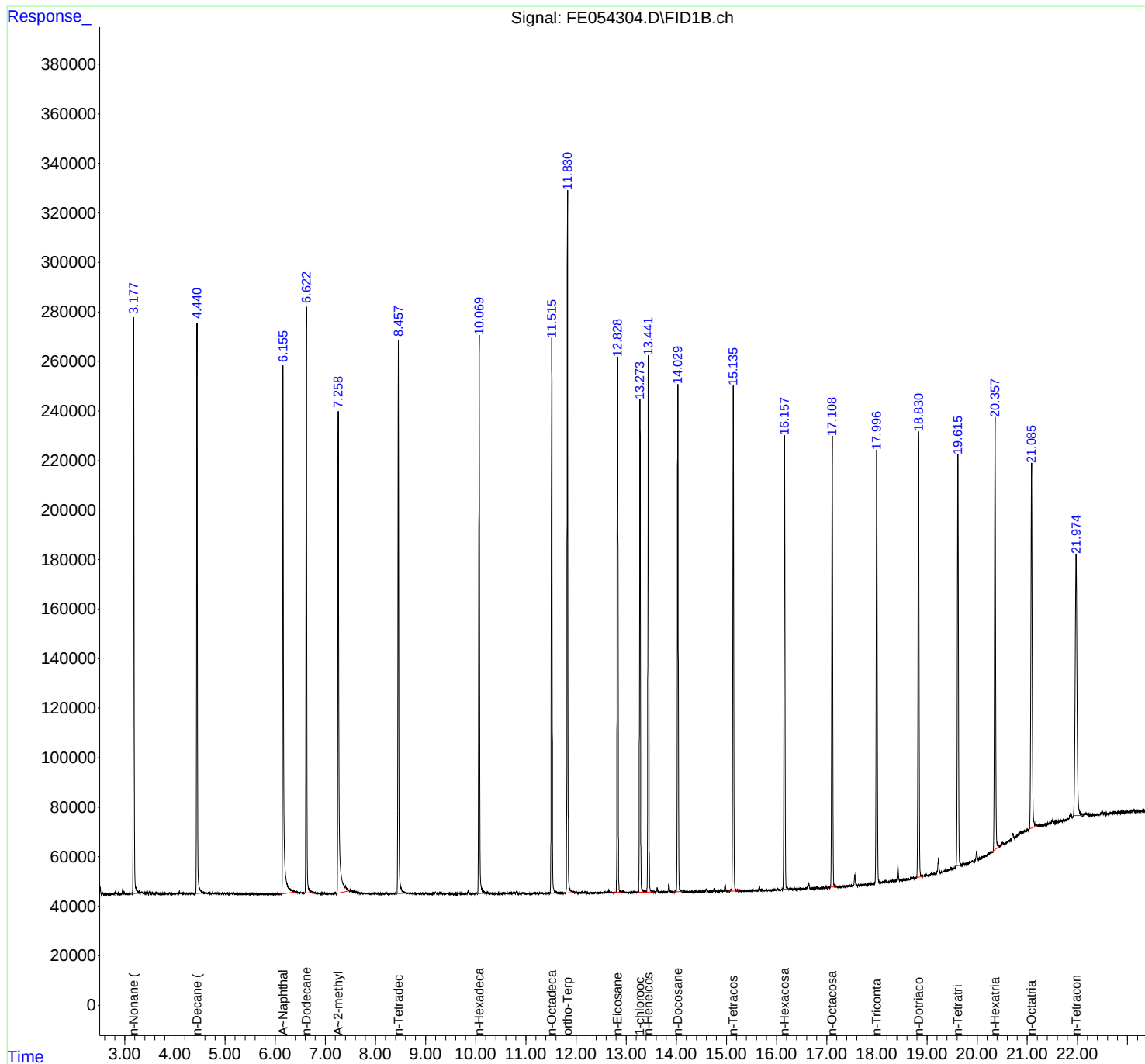
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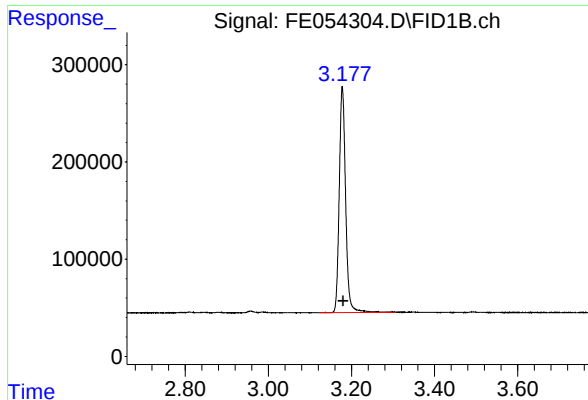
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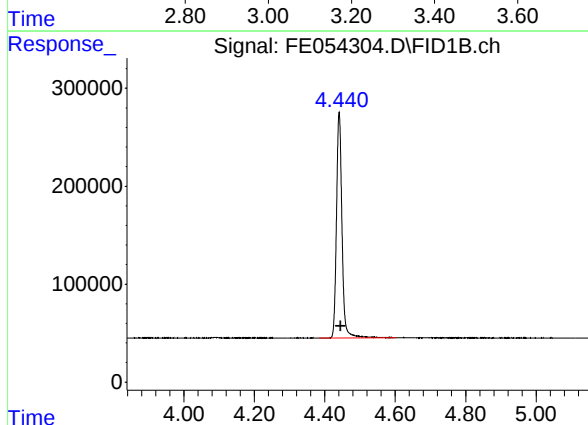




#1 n-Nonane (C9)

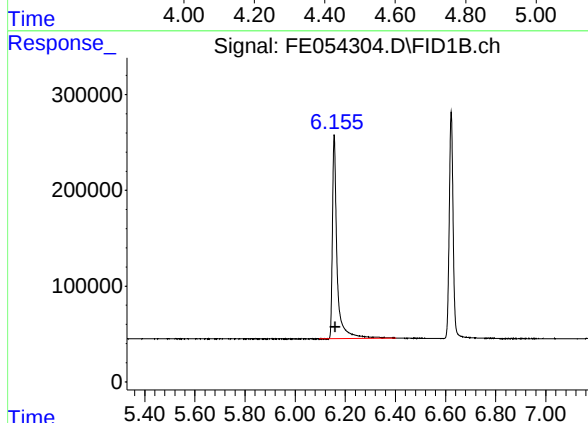
R.T.: 3.178 min
Delta R.T.: -0.003 min
Response: 2476767
Conc: 19.95 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



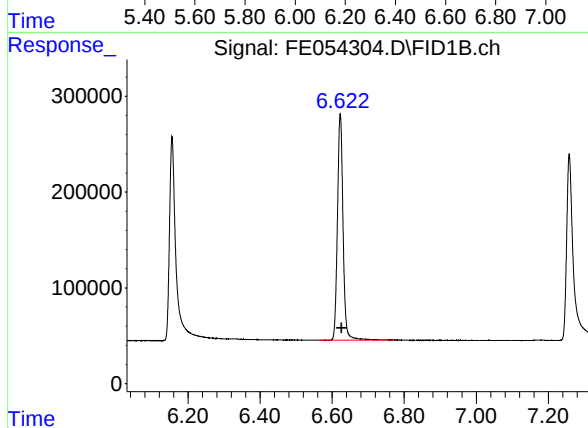
#2 n-Decane (C10)

R.T.: 4.441 min
Delta R.T.: -0.003 min
Response: 2498096
Conc: 20.10 ug/ml



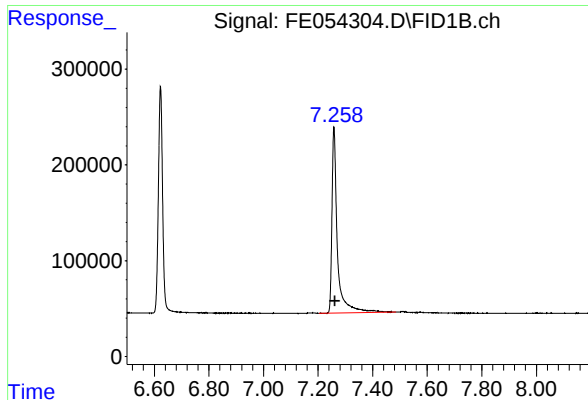
#3 A~Naphthalene (C11.7)

R.T.: 6.156 min
Delta R.T.: -0.004 min
Response: 2769745
Conc: 20.50 ug/ml



#4 n-Dodecane (C12)

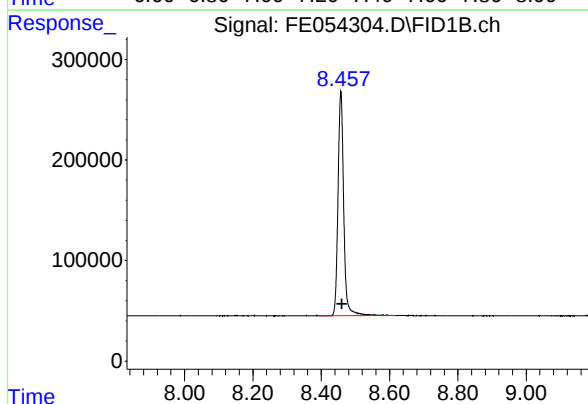
R.T.: 6.623 min
Delta R.T.: -0.004 min
Response: 2560372
Conc: 20.11 ug/ml



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

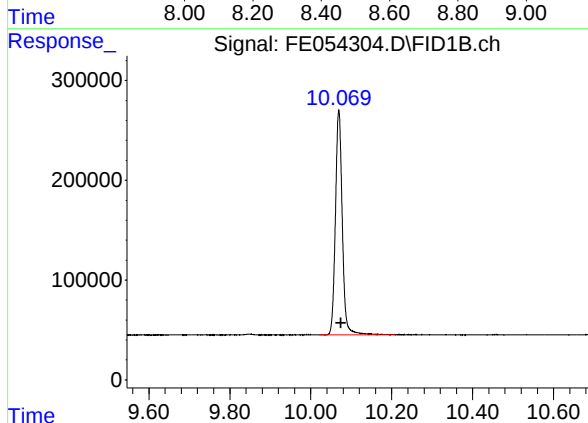
R.T.: 7.258 min
Delta R.T.: -0.004 min
Response: 2714238
Conc: 20.49 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



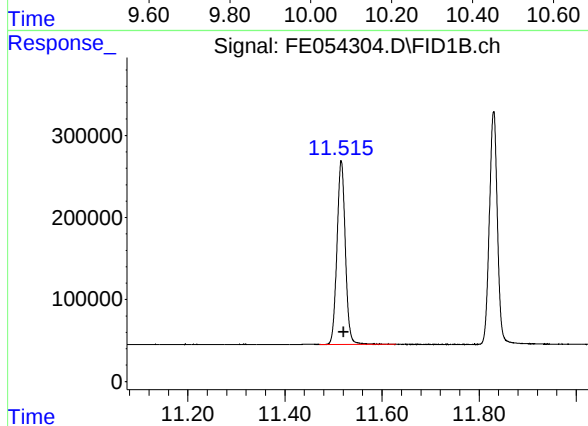
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: -0.004 min
Response: 2586515
Conc: 19.98 ug/ml



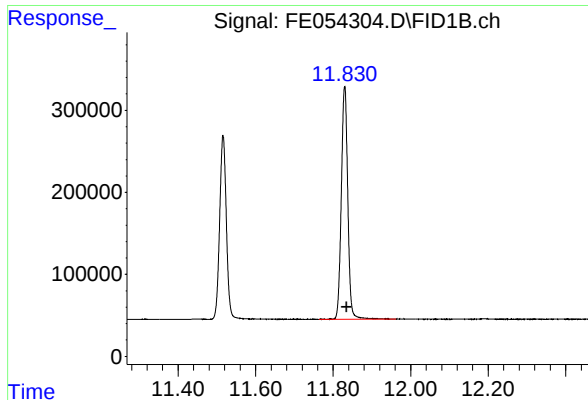
#7 n-Hexadecane (C16)

R.T.: 10.069 min
Delta R.T.: -0.005 min
Response: 2648427
Conc: 19.94 ug/ml



#8 n-Octadecane (C18)

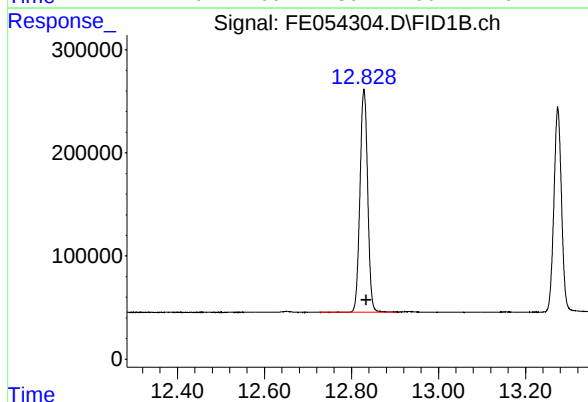
R.T.: 11.516 min
Delta R.T.: -0.005 min
Response: 2694759
Conc: 19.96 ug/ml



#9 ortho-Terphenyl (SURR)

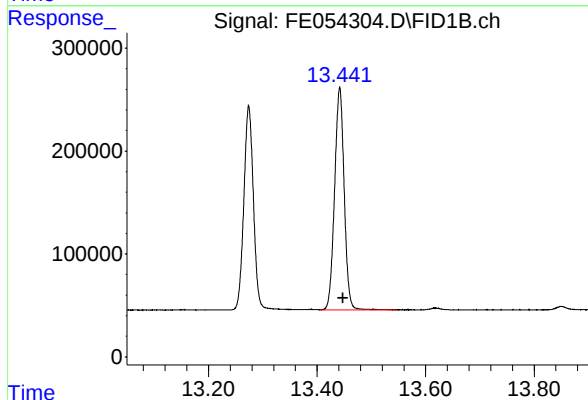
R.T.: 11.830 min
Delta R.T.: -0.005 min
Response: 3282177
Conc: 19.86 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



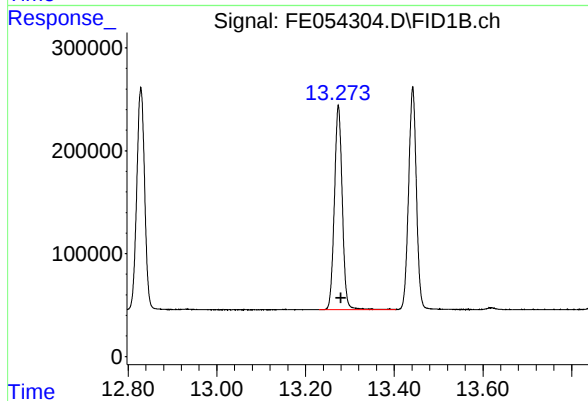
#10 n-Eicosane (C20)

R.T.: 12.829 min
Delta R.T.: -0.006 min
Response: 2653836
Conc: 19.84 ug/ml



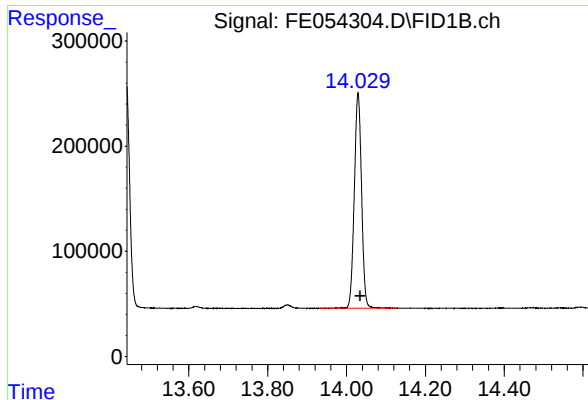
#11 n-Heneicosane (C21)

R.T.: 13.442 min
Delta R.T.: -0.006 min
Response: 2643107
Conc: 19.88 ug/ml



#12 1-chlorooctadecane (SURR)

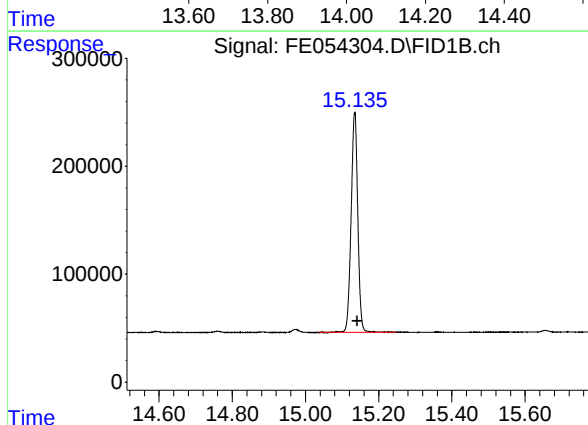
R.T.: 13.274 min
Delta R.T.: -0.005 min
Response: 2440580
Conc: 20.01 ug/ml



#13 n-Docosane (C22)

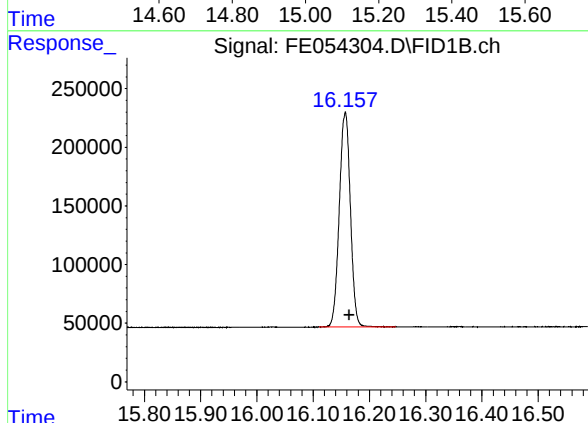
R.T.: 14.029 min
Delta R.T.: -0.006 min
Response: 2609585
Conc: 19.90 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



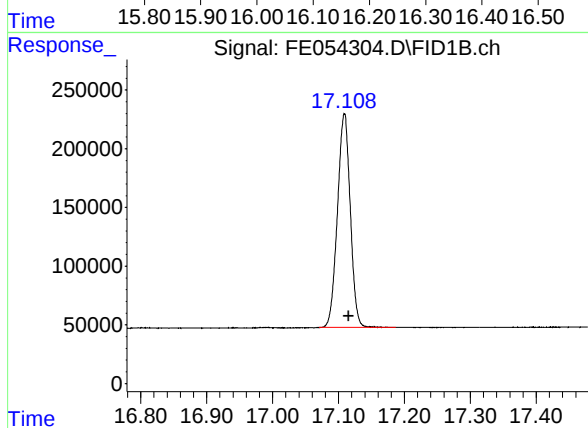
#14 n-Tetracosane (C24)

R.T.: 15.135 min
Delta R.T.: -0.007 min
Response: 2578443
Conc: 19.99 ug/ml



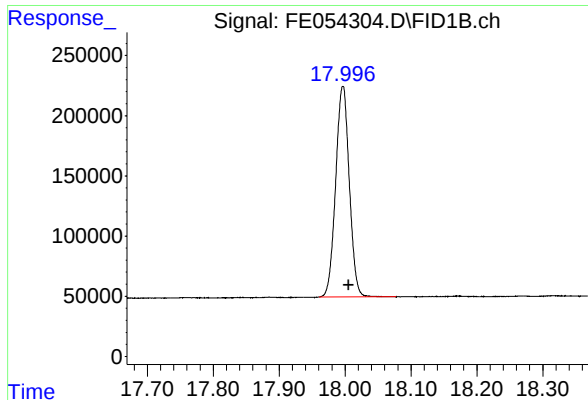
#15 n-Hexacosane (C26)

R.T.: 16.157 min
Delta R.T.: -0.007 min
Response: 2501023
Conc: 19.92 ug/ml



#16 n-Octacosane (C28)

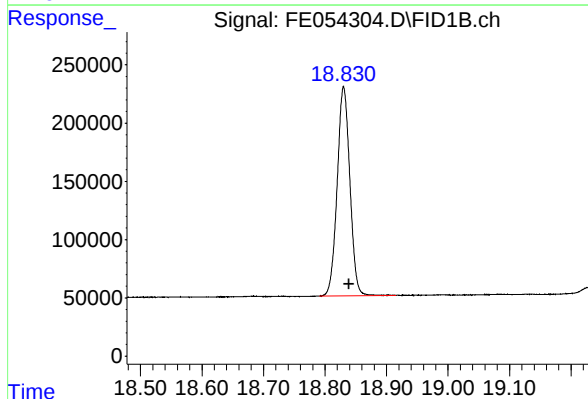
R.T.: 17.109 min
Delta R.T.: -0.006 min
Response: 2467630
Conc: 20.12 ug/ml



#17 n-Tricontane (C30)

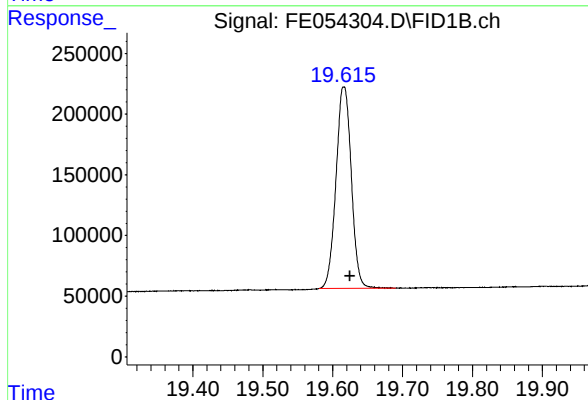
R.T.: 17.997 min
Delta R.T.: -0.009 min
Response: 2515352
Conc: 20.29 ug/ml

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20 PPM ALIPHATIC HC STD



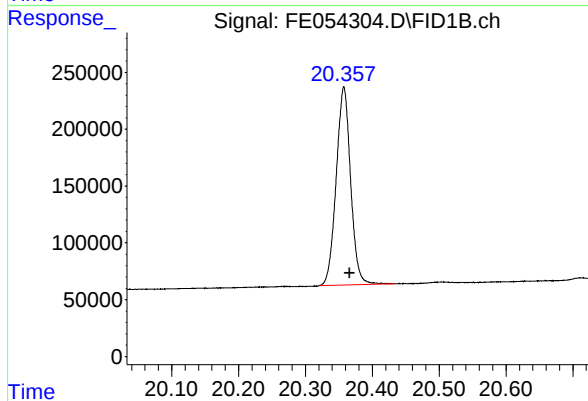
#18 n-Dotriacontane (C32)

R.T.: 18.830 min
Delta R.T.: -0.009 min
Response: 2575672
Conc: 20.50 ug/ml



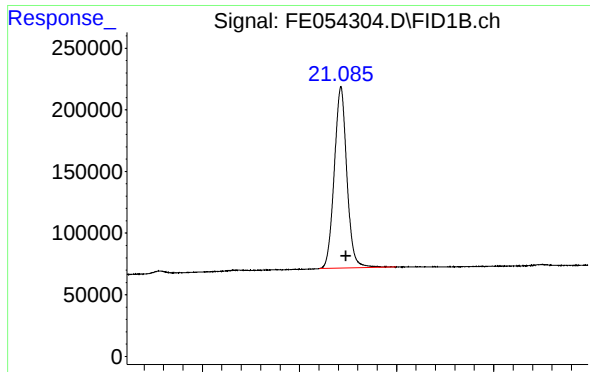
#19 n-Tetatriacontane (C34)

R.T.: 19.616 min
Delta R.T.: -0.009 min
Response: 2529115
Conc: 20.33 ug/ml



#20 n-Hexatriacontane (C36)

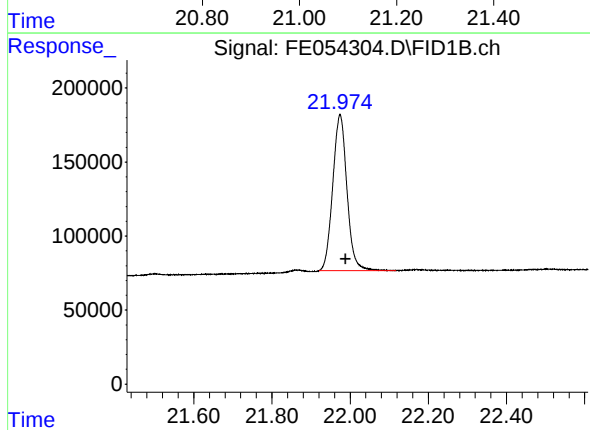
R.T.: 20.357 min
Delta R.T.: -0.009 min
Response: 2615813
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.085 min
Delta R.T.: -0.011 min
Response: 2655163
Conc: 20.11 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.014 min
Response: 2659724
Conc: 19.74 ug/ml