

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062723AL\
 Data File : FE042957.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jun 2023 11:47
 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 27 15:47:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 2023
 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)	11.916	3447068	18.764 ug/ml
Spiked Amount 50.000		Recovery =	37.53%
12) S 1-chlorooctadecane (S...	13.352	2556676	18.786 ug/ml
Spiked Amount 50.000		Recovery =	37.57%
Target Compounds			
1) T n-Nonane (C9)	3.292	2988806	19.349 ug/ml
2) T n-Decane (C10)	4.545	3053929	19.334 ug/ml
3) T A~Naphthalene (C11.7)	6.255	3266861	19.294 ug/ml
4) T n-Dodecane (C12)	6.715	3092918	19.323 ug/ml
5) T A~2-methylnaphthalene...	7.353	3110970	19.187 ug/ml
6) T n-Tetradecane (C14)	8.545	3069577	19.287 ug/ml
7) T n-Hexadecane (C16)	10.153	3153155	19.145 ug/ml
8) T n-Octadecane (C18)	11.597	3159302	19.007 ug/ml
10) T n-Eicosane (C20)	12.906	2995793	18.879 ug/ml
11) T n-Heneicosane (C21)	13.519	2915207	18.843 ug/ml
13) T n-Docosane (C22)	14.105	2863281	18.797 ug/ml
14) T n-Tetracosane (C24)	15.209	2805132	18.906 ug/ml
15) T n-Hexacosane (C26)	16.229	2720292	19.028 ug/ml
16) T n-Octacosane (C28)	17.179	2683376	19.347 ug/ml
17) T n-Tricontane (C30)	18.069	2795670	19.767 ug/ml
18) T n-Dotriacontane (C32)	18.900	2810469	20.038 ug/ml
19) T n-Tetratriacontane (C34)	19.686	2750351	20.098 ug/ml
20) T n-Hexatriacontane (C36)	20.425	2698441	20.177 ug/ml
21) T n-Octatriacontane (C38)	21.167	2762372	20.261 ug/ml
22) T n-Tetracontane (C40)	22.084	2951779	21.216 ug/ml

(f)=RT Delta > 1/2 Window

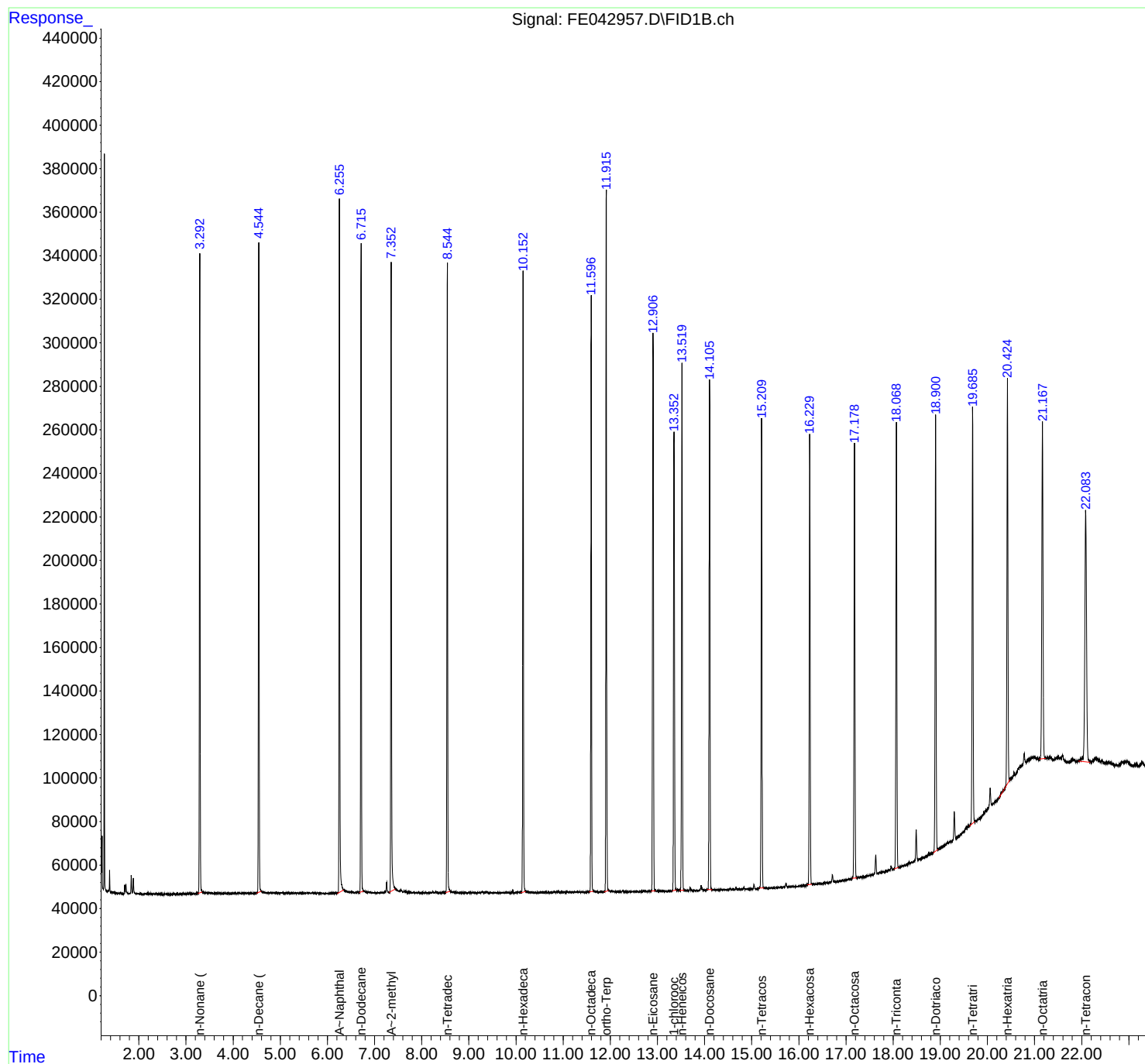
(m)=manual int.

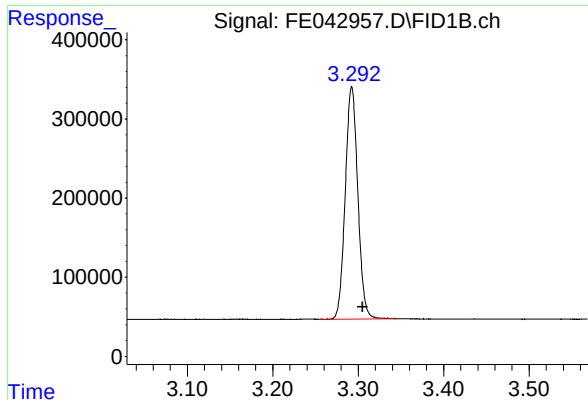
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062723AL\
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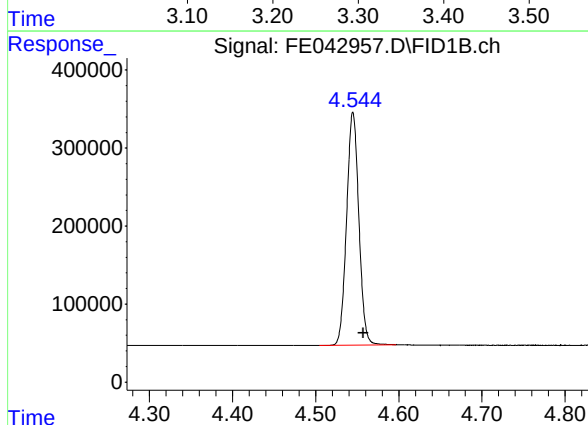




#1 n-Nonane (C9)

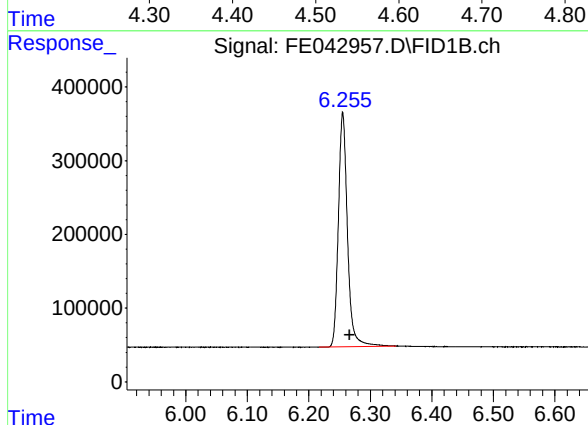
R.T.: 3.292 min
Delta R.T.: -0.013 min
Response: 2988806
Conc: 19.35 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



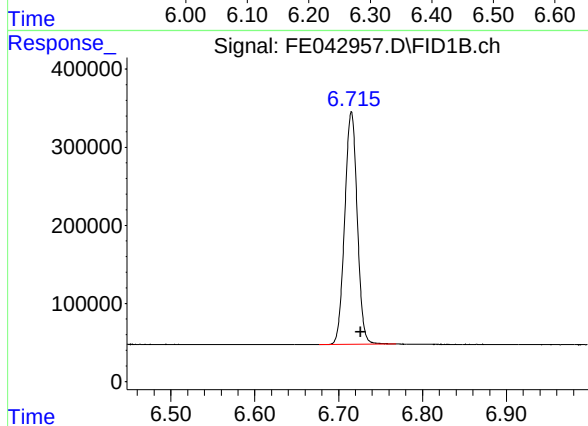
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.012 min
Response: 3053929
Conc: 19.33 ug/ml



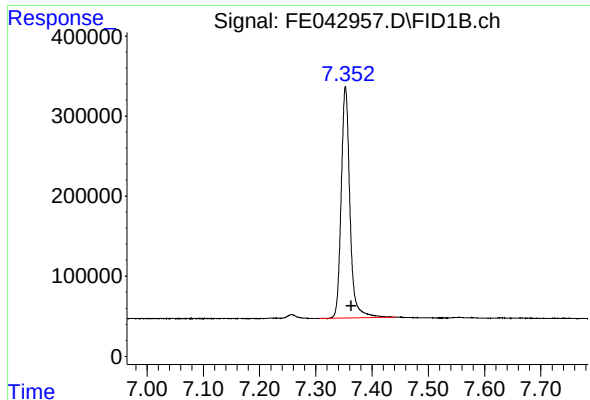
#3 A~Naphthalene (C11.7)

R.T.: 6.255 min
Delta R.T.: -0.011 min
Response: 3266861
Conc: 19.29 ug/ml



#4 n-Dodecane (C12)

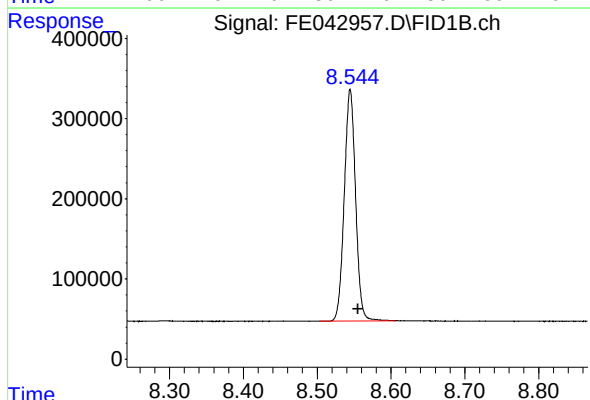
R.T.: 6.715 min
Delta R.T.: -0.011 min
Response: 3092918
Conc: 19.32 ug/ml



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

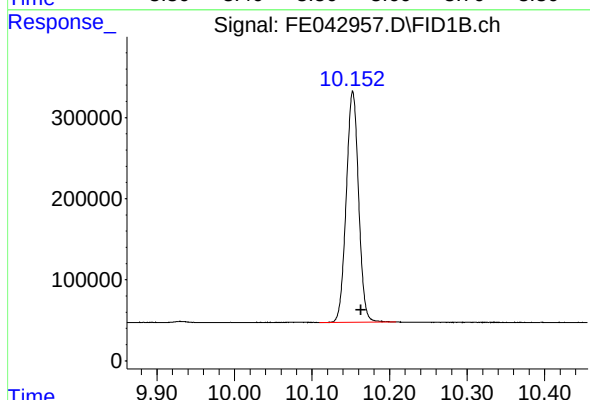
R.T.: 7.353 min
Delta R.T.: -0.011 min
Response: 3110970
Conc: 19.19 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



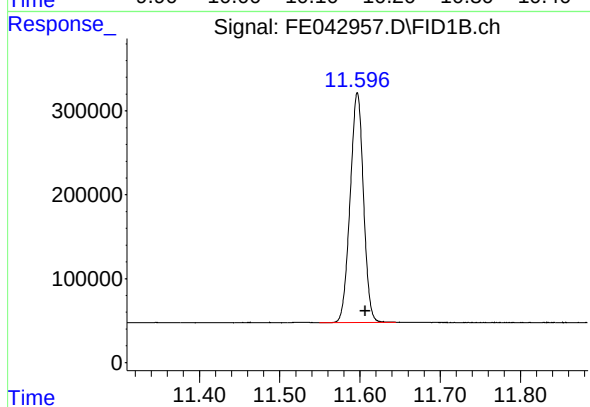
#6 n-Tetradecane (C14)

R.T.: 8.545 min
Delta R.T.: -0.011 min
Response: 3069577
Conc: 19.29 ug/ml



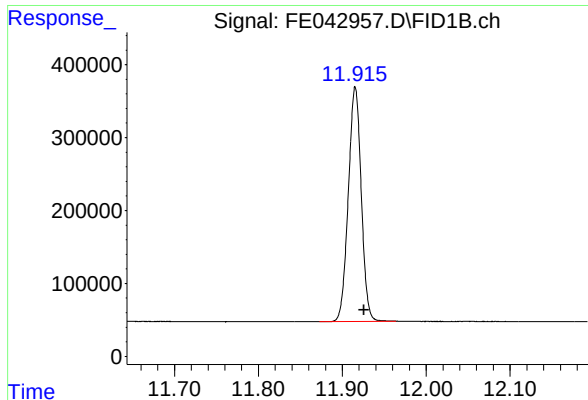
#7 n-Hexadecane (C16)

R.T.: 10.153 min
Delta R.T.: -0.011 min
Response: 3153155
Conc: 19.15 ug/ml



#8 n-Octadecane (C18)

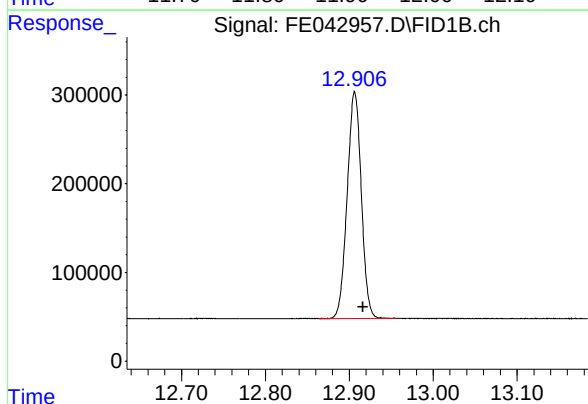
R.T.: 11.597 min
Delta R.T.: -0.010 min
Response: 3159302
Conc: 19.01 ug/ml



#9 ortho-Terphenyl (SURR)

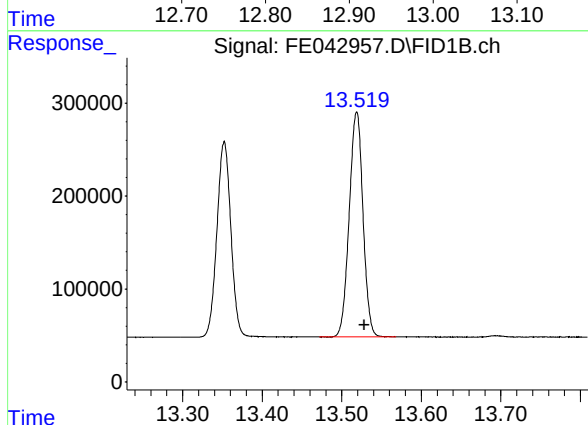
R.T.: 11.916 min
Delta R.T.: -0.010 min
Response: 3447068
Conc: 18.76 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



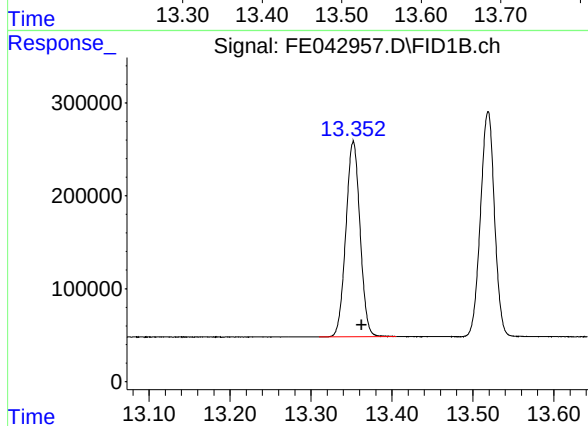
#10 n-Eicosane (C20)

R.T.: 12.906 min
Delta R.T.: -0.010 min
Response: 2995793
Conc: 18.88 ug/ml



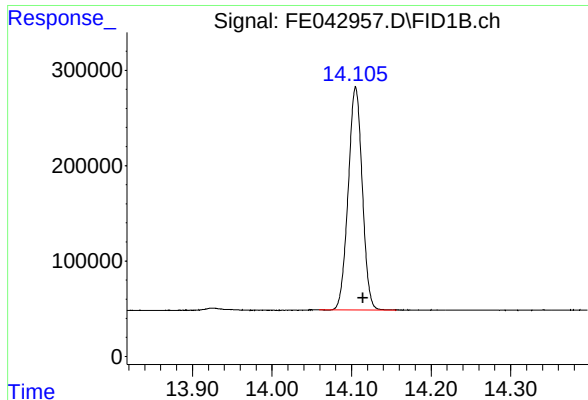
#11 n-Heneicosane (C21)

R.T.: 13.519 min
Delta R.T.: -0.010 min
Response: 2915207
Conc: 18.84 ug/ml



#12 1-chlorooctadecane (SURR)

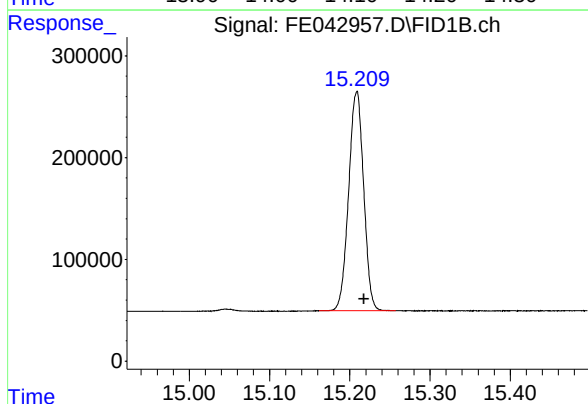
R.T.: 13.352 min
Delta R.T.: -0.010 min
Response: 2556676
Conc: 18.79 ug/ml



#13 n-Docosane (C22)

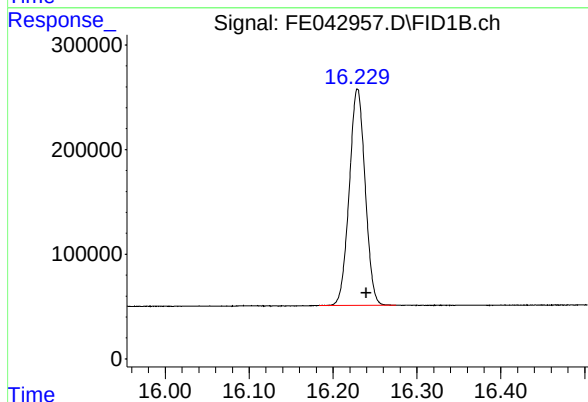
R.T.: 14.105 min
Delta R.T.: -0.009 min
Response: 2863281
Conc: 18.80 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



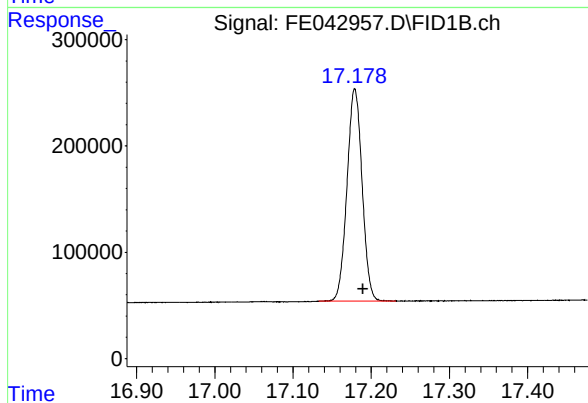
#14 n-Tetracosane (C24)

R.T.: 15.209 min
Delta R.T.: -0.009 min
Response: 2805132
Conc: 18.91 ug/ml



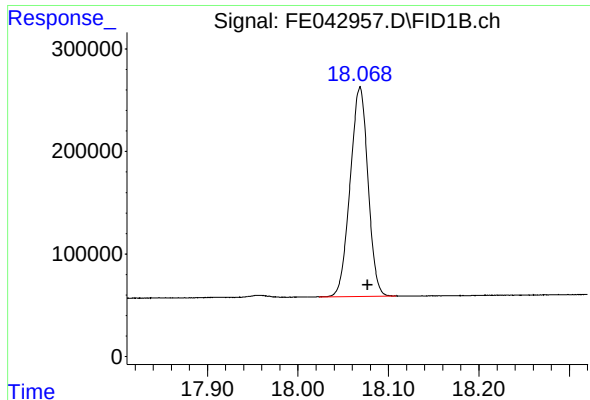
#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: -0.010 min
Response: 2720292
Conc: 19.03 ug/ml



#16 n-Octacosane (C28)

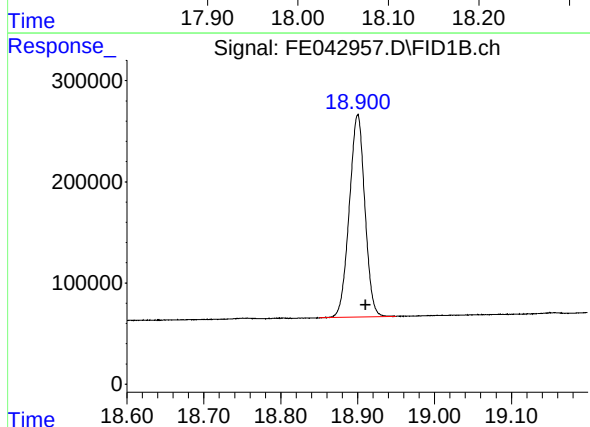
R.T.: 17.179 min
Delta R.T.: -0.010 min
Response: 2683376
Conc: 19.35 ug/ml



#17 n-Tricontane (C30)

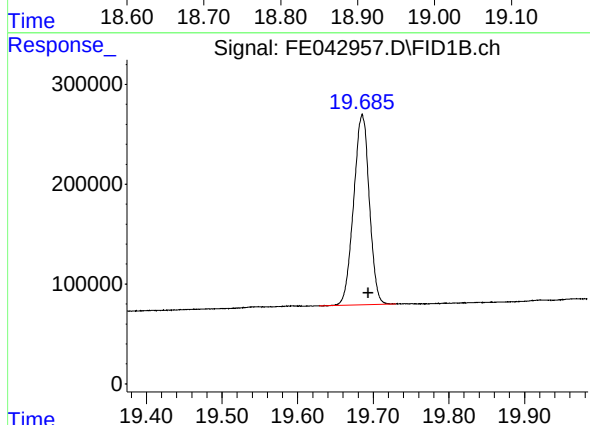
R.T.: 18.069 min
Delta R.T.: -0.009 min
Response: 2795670
Conc: 19.77 ug/ml

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20 PPM ALIPHATIC HC STD



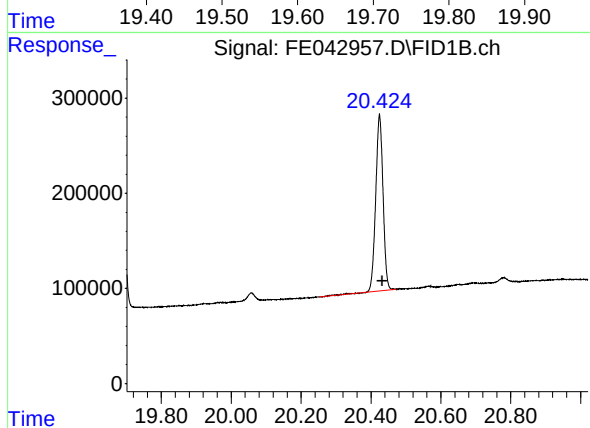
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: -0.010 min
Response: 2810469
Conc: 20.04 ug/ml



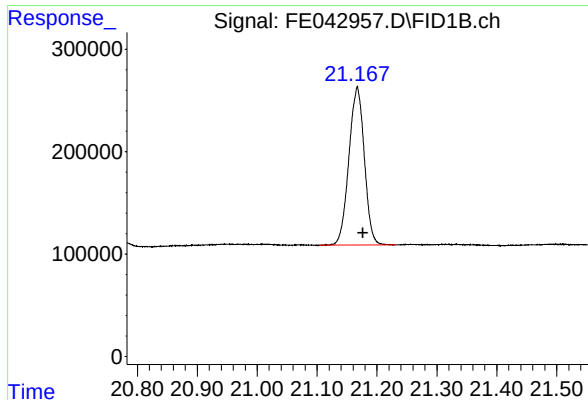
#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: -0.008 min
Response: 2750351
Conc: 20.10 ug/ml



#20 n-Hexatriacontane (C36)

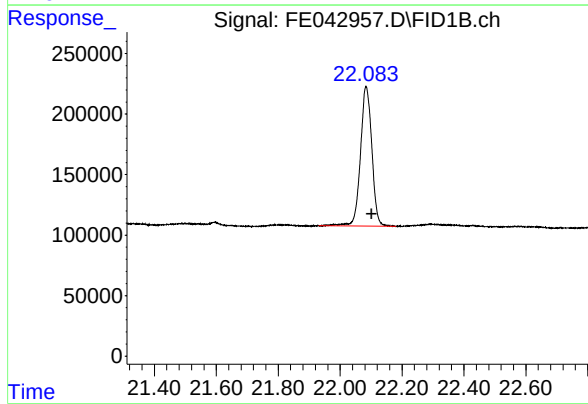
R.T.: 20.425 min
Delta R.T.: -0.009 min
Response: 2698441
Conc: 20.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.167 min
Delta R.T.: -0.009 min
Response: 2762372
Conc: 20.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: -0.018 min
Response: 2951779
Conc: 21.22 ug/ml