

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052123AL\
 Data File : FE042057.D
 Signal(s) : FID1B.ch
 Acq On : 20 May 2023 12:08
 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: May 21 04:21:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.965	3712384	21.024 ug/ml
Spiked Amount 50.000		Recovery =	42.05%
12) S 1-chlorooctadecane (S...	13.400	2779918	20.921 ug/ml
Spiked Amount 50.000		Recovery =	41.84%
Target Compounds			
1) T n-Nonane (C9)	3.345	2908845	20.173 ug/ml
2) T n-Decane (C10)	4.596	2967368	20.045 ug/ml
3) T A~Naphthalene (C11.7)	6.303	3297908	20.213 ug/ml
4) T n-Dodecane (C12)	6.764	3018878	20.132 ug/ml
5) T A~2-methylnaphthalene...	7.400	3203487	20.185 ug/ml
6) T n-Tetradecane (C14)	8.594	3019183	20.154 ug/ml
7) T n-Hexadecane (C16)	10.201	3167787	20.336 ug/ml
8) T n-Octadecane (C18)	11.645	3243495	20.511 ug/ml
10) T n-Eicosane (C20)	12.955	3161566	20.857 ug/ml
11) T n-Heneicosane (C21)	13.567	3120987	21.066 ug/ml
13) T n-Docosane (C22)	14.153	3109943	21.214 ug/ml
14) T n-Tetracosane (C24)	15.256	3097399	21.457 ug/ml
15) T n-Hexacosane (C26)	16.277	3022199	21.821 ug/ml
16) T n-Octacosane (C28)	17.226	2913910	21.765 ug/ml
17) T n-Tricontane (C30)	18.115	2917656	21.614 ug/ml
18) T n-Dotriacontane (C32)	18.947	2796744	20.935 ug/ml
19) T n-Tetratriacontane (C34)	19.730	2639965	20.074 ug/ml
20) T n-Hexatriacontane (C36)	20.470	2469818	19.003 ug/ml
21) T n-Octatriacontane (C38)	21.221	2419227	17.831 ug/ml
22) T n-Tetracontane (C40)	22.155	2399715	17.249 ug/ml

(f)=RT Delta > 1/2 Window

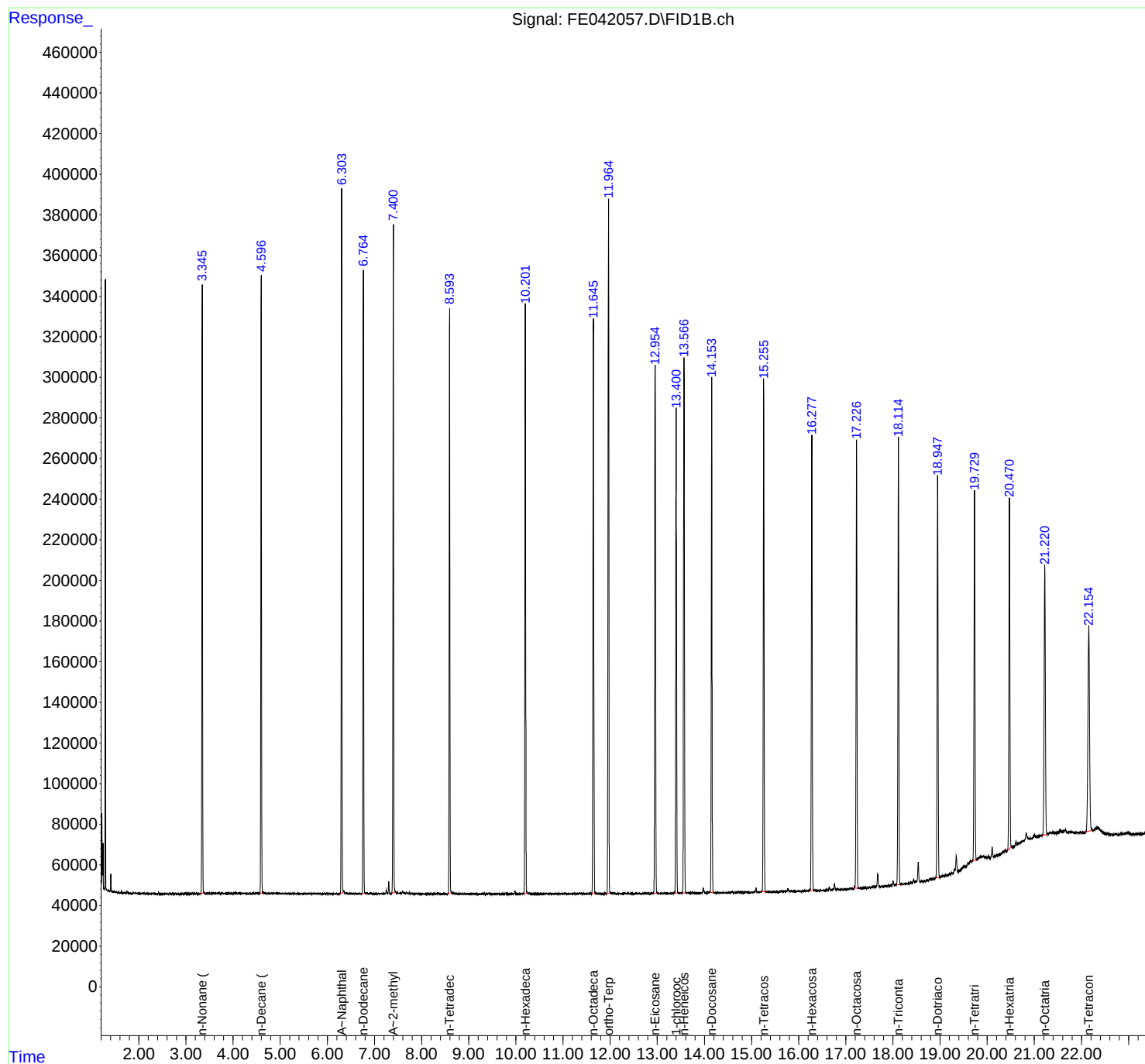
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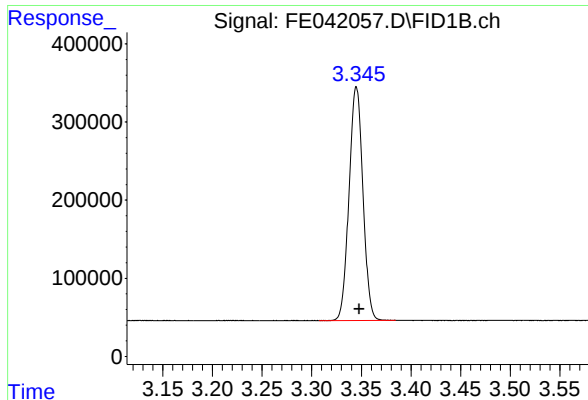
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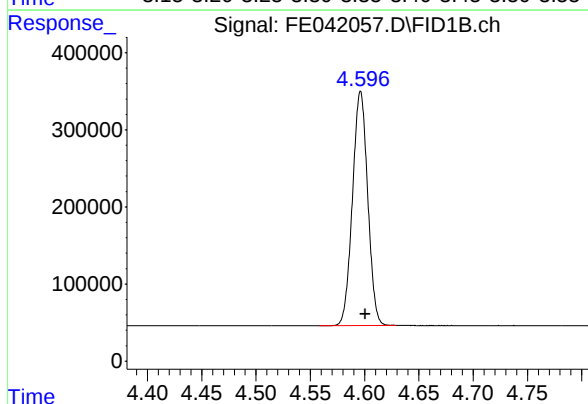




#1 n-Nonane (C9)

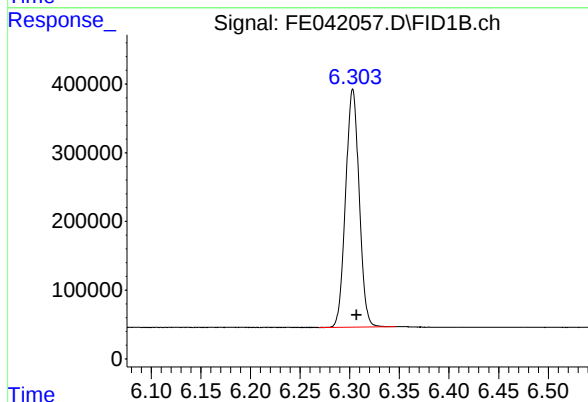
R.T.: 3.345 min
Delta R.T.: -0.003 min
Response: 2908845
Conc: 20.17 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



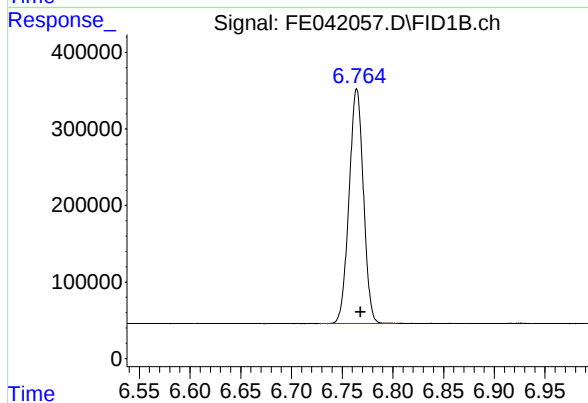
#2 n-Decane (C10)

R.T.: 4.596 min
Delta R.T.: -0.004 min
Response: 2967368
Conc: 20.04 ug/ml



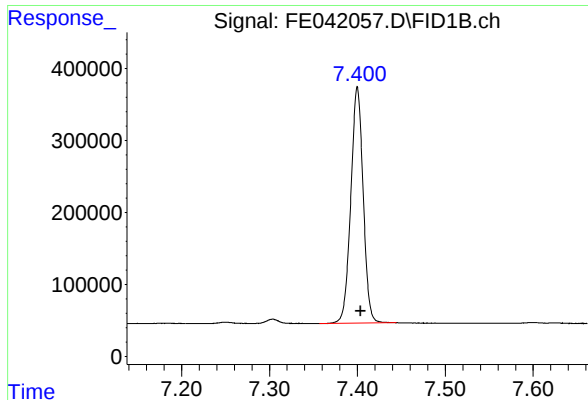
#3 A~Naphthalene (C11.7)

R.T.: 6.303 min
Delta R.T.: -0.004 min
Response: 3297908
Conc: 20.21 ug/ml



#4 n-Dodecane (C12)

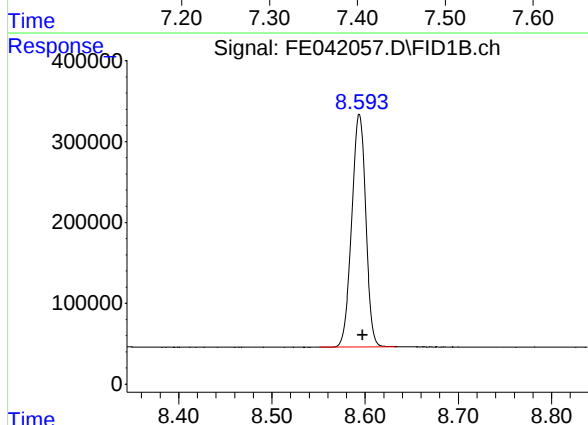
R.T.: 6.764 min
Delta R.T.: -0.004 min
Response: 3018878
Conc: 20.13 ug/ml



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

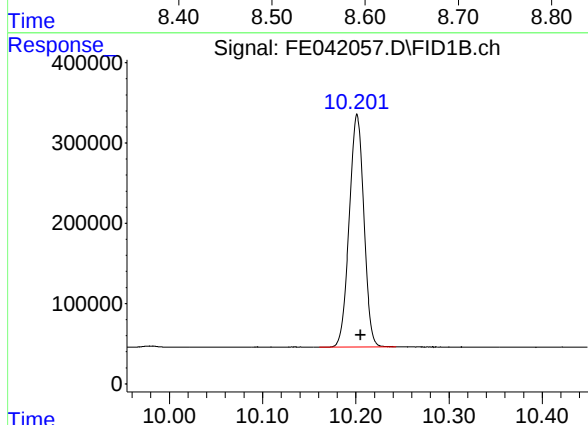
R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 3203487
Conc: 20.19 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



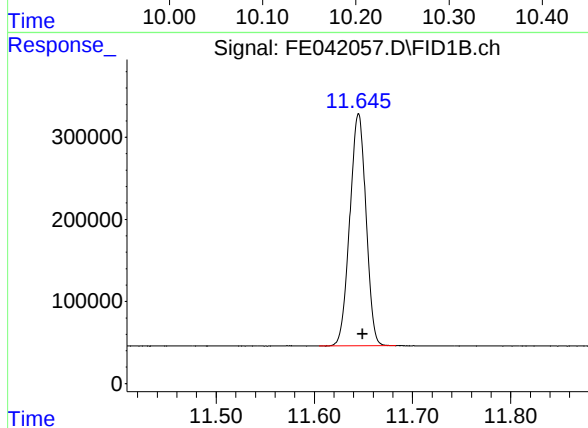
#6 n-Tetradecane (C14)

R.T.: 8.594 min
Delta R.T.: -0.003 min
Response: 3019183
Conc: 20.15 ug/ml



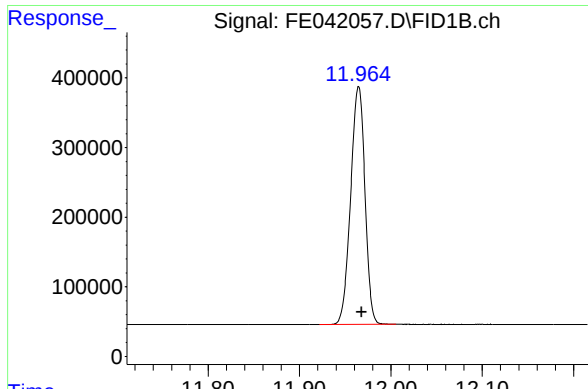
#7 n-Hexadecane (C16)

R.T.: 10.201 min
Delta R.T.: -0.004 min
Response: 3167787
Conc: 20.34 ug/ml



#8 n-Octadecane (C18)

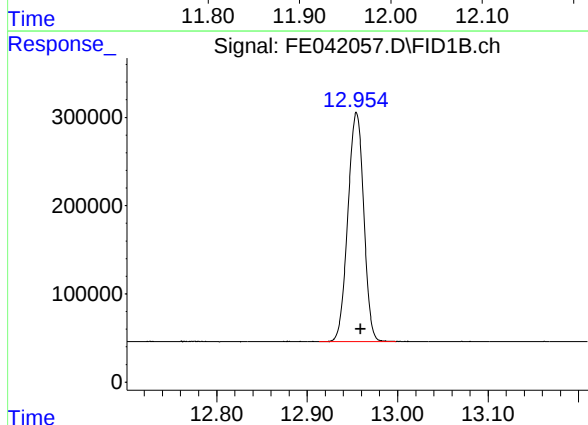
R.T.: 11.645 min
Delta R.T.: -0.004 min
Response: 3243495
Conc: 20.51 ug/ml



#9 ortho-Terphenyl (SURR)

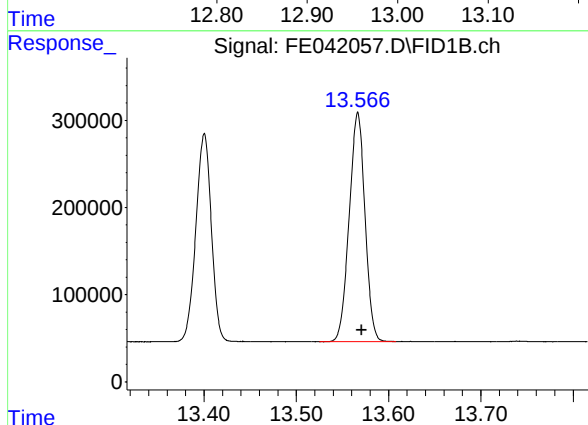
R.T.: 11.965 min
Delta R.T.: -0.003 min
Response: 3712384
Conc: 21.02 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



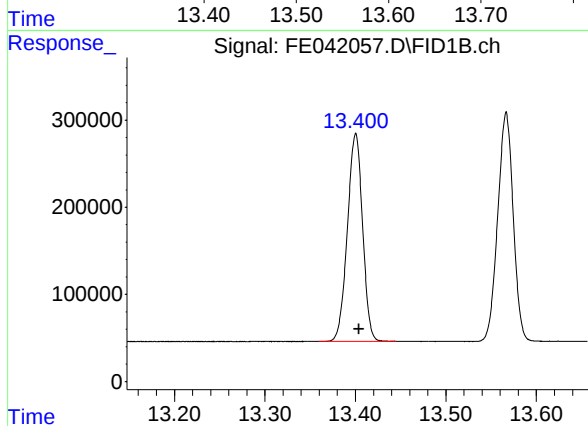
#10 n-Eicosane (C20)

R.T.: 12.955 min
Delta R.T.: -0.005 min
Response: 3161566
Conc: 20.86 ug/ml



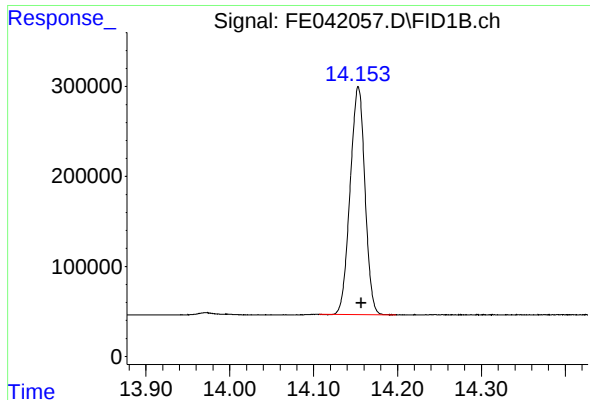
#11 n-Heneicosane (C21)

R.T.: 13.567 min
Delta R.T.: -0.004 min
Response: 3120987
Conc: 21.07 ug/ml



#12 1-chlorooctadecane (SURR)

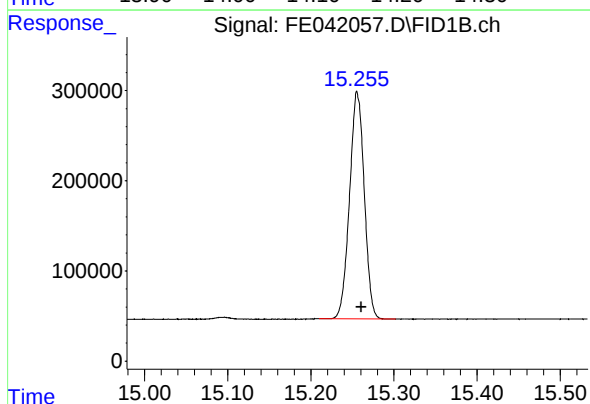
R.T.: 13.400 min
Delta R.T.: -0.004 min
Response: 2779918
Conc: 20.92 ug/ml



#13 n-Docosane (C22)

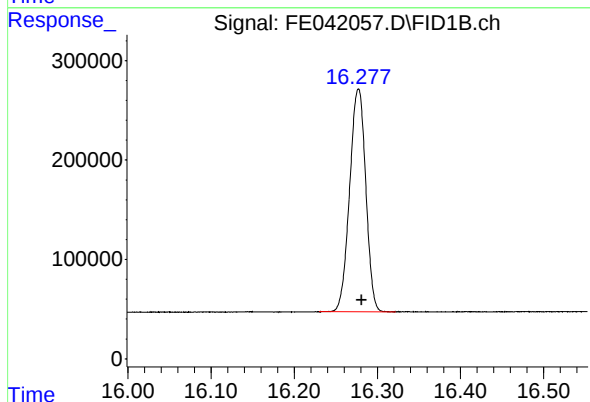
R.T.: 14.153 min
Delta R.T.: -0.004 min
Response: 3109943
Conc: 21.21 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



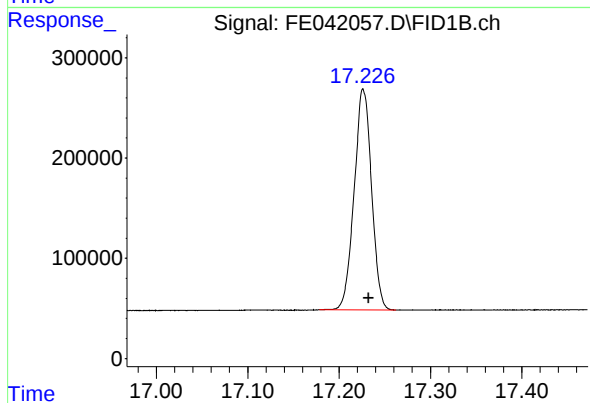
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: -0.005 min
Response: 3097399
Conc: 21.46 ug/ml



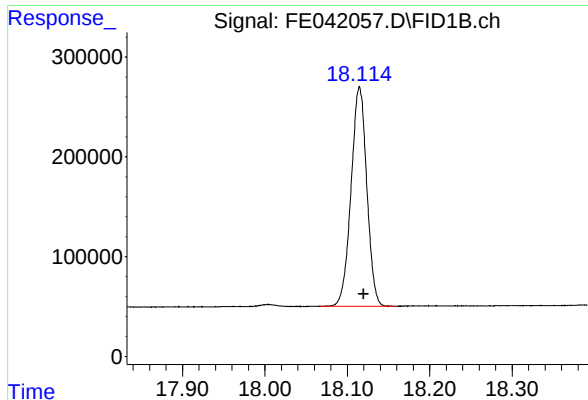
#15 n-Hexacosane (C26)

R.T.: 16.277 min
Delta R.T.: -0.004 min
Response: 3022199
Conc: 21.82 ug/ml



#16 n-Octacosane (C28)

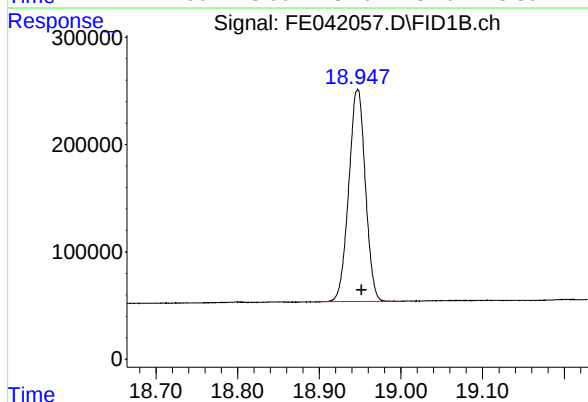
R.T.: 17.226 min
Delta R.T.: -0.006 min
Response: 2913910
Conc: 21.76 ug/ml



#17 n-Tricontane (C30)

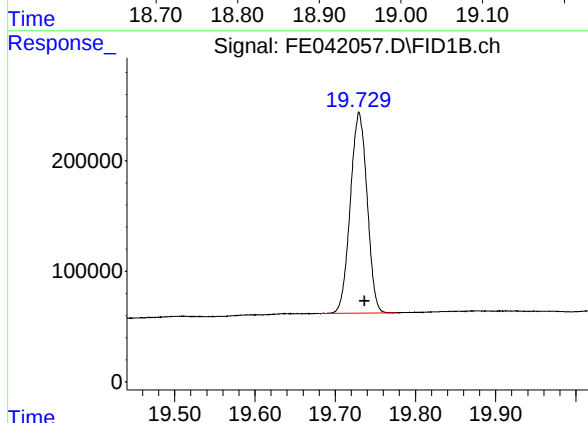
R.T.: 18.115 min
Delta R.T.: -0.005 min
Response: 2917656
Conc: 21.61 ug/ml

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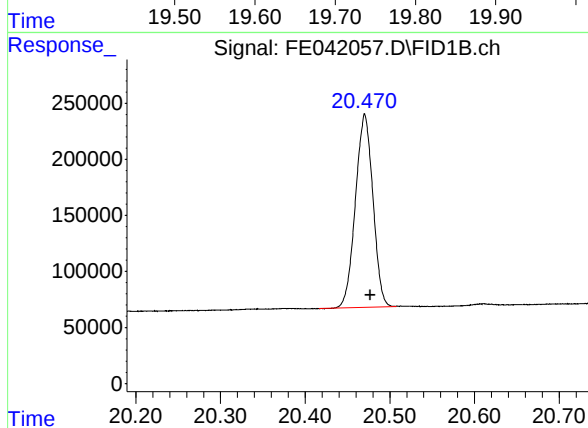
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.005 min
Response: 2796744
Conc: 20.94 ug/ml



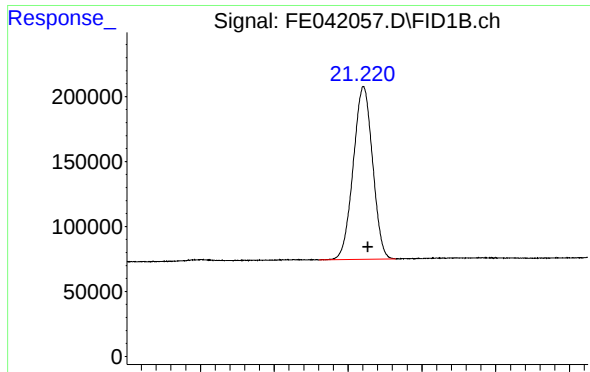
#19 n-Tetatriacontane (C34)

R.T.: 19.730 min
Delta R.T.: -0.007 min
Response: 2639965
Conc: 20.07 ug/ml



#20 n-Hexatriacontane (C36)

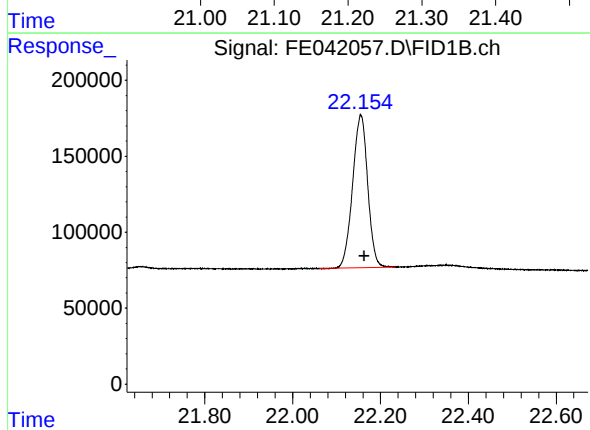
R.T.: 20.470 min
Delta R.T.: -0.006 min
Response: 2469818
Conc: 19.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: -0.006 min
Response: 2419227
Conc: 17.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.155 min
Delta R.T.: -0.008 min
Response: 2399715
Conc: 17.25 ug/ml