

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101224AL\
 Data File : FE050616.D
 Signal(s) : FID1B.ch
 Acq On : 11 Oct 2024 12:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 14 04:37:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 2024
 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)	11.857	2896068	18.370 ug/ml
Spiked Amount 50.000		Recovery =	36.74%
12) S 1-chlorooctadecane (S...	13.290	2161687	18.274 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
Target Compounds			
1) T n-Nonane (C9)	3.249	2646791	18.733 ug/ml
2) T n-Decane (C10)	4.499	2680097	18.680 ug/ml
3) T A~Naphthalene (C11.7)	6.209	2670273	18.674 ug/ml
4) T n-Dodecane (C12)	6.665	2696808	18.736 ug/ml
5) T A~2-methylnaphthalene...	7.305	2487914	18.780 ug/ml
6) T n-Tetradecane (C14)	8.491	2660684	18.597 ug/ml
7) T n-Hexadecane (C16)	10.097	2722797	18.501 ug/ml
8) T n-Octadecane (C18)	11.537	2763524	18.501 ug/ml
10) T n-Eicosane (C20)	12.845	2624976	18.305 ug/ml
11) T n-Heneicosane (C21)	13.455	2572651	18.319 ug/ml
13) T n-Docosane (C22)	14.040	2536257	18.078 ug/ml
14) T n-Tetracosane (C24)	15.141	2533290	17.931 ug/ml
15) T n-Hexacosane (C26)	16.161	2526183	17.952 ug/ml
16) T n-Octacosane (C28)	17.108	2534612	17.321 ug/ml
17) T n-Tricontane (C30)	17.994	2636480	16.581 ug/ml
18) T n-Dotriacontane (C32)	18.826	2617723	16.147 ug/ml
19) T n-Tetratriacontane (C34)	19.609	2412473	16.424 ug/ml
20) T n-Hexatriacontane (C36)	20.347	2137026	16.852 ug/ml
21) T n-Octatriacontane (C38)	21.071	2069896	16.740 ug/ml
22) T n-Tetracontane (C40)	21.955	1960547	17.607 ug/ml

(f)=RT Delta > 1/2 Window

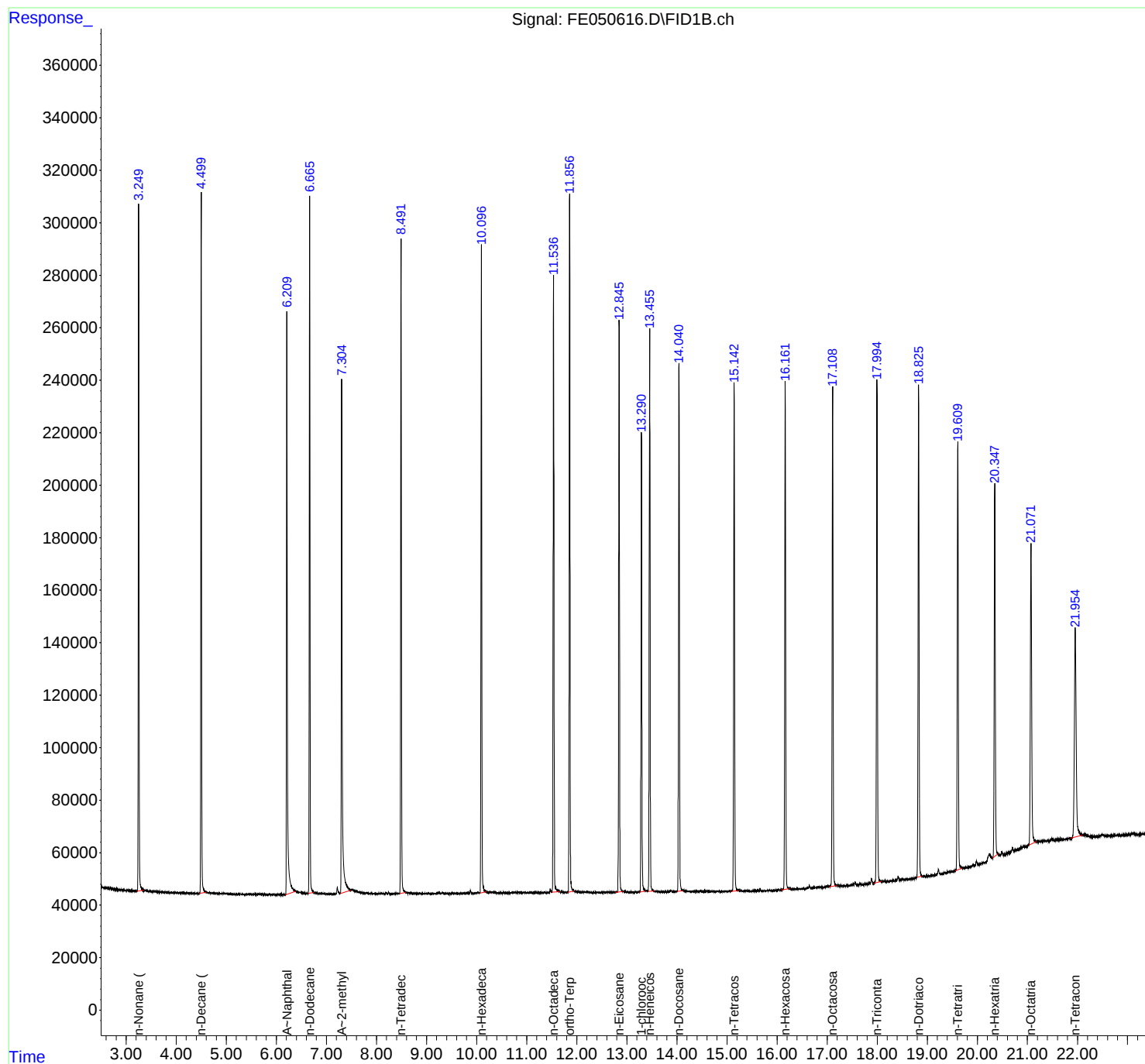
(m)=manual int.

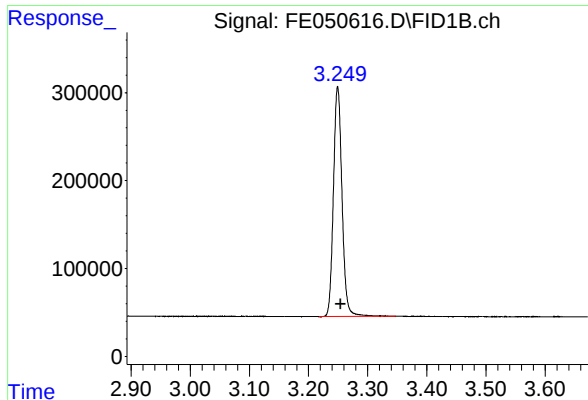
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101224AL\
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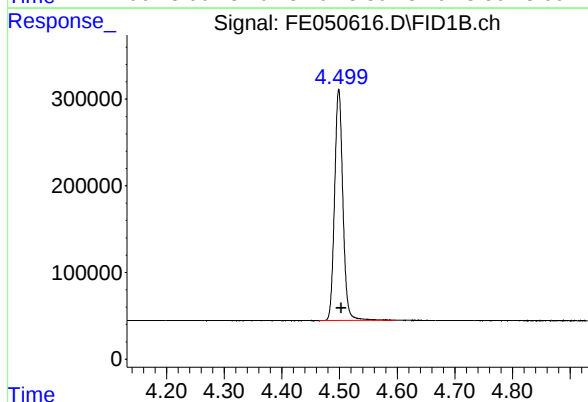




#1 n-Nonane (C9)

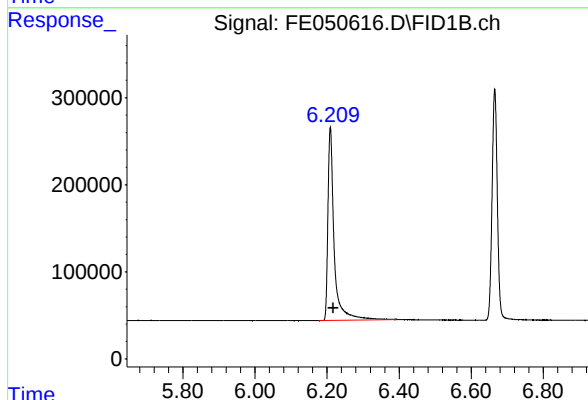
R.T.: 3.249 min
Delta R.T.: -0.005 min
Response: 2646791
Conc: 18.73 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



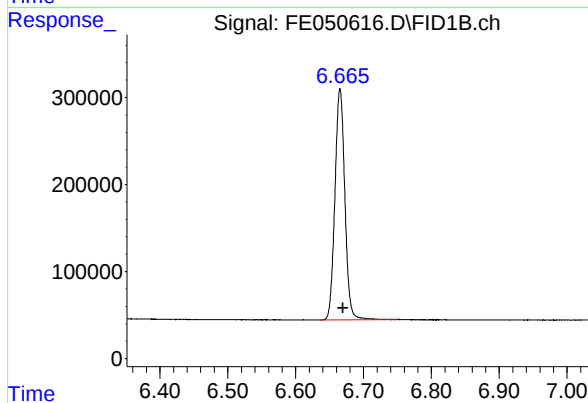
#2 n-Decane (C10)

R.T.: 4.499 min
Delta R.T.: -0.004 min
Response: 2680097
Conc: 18.68 ug/ml



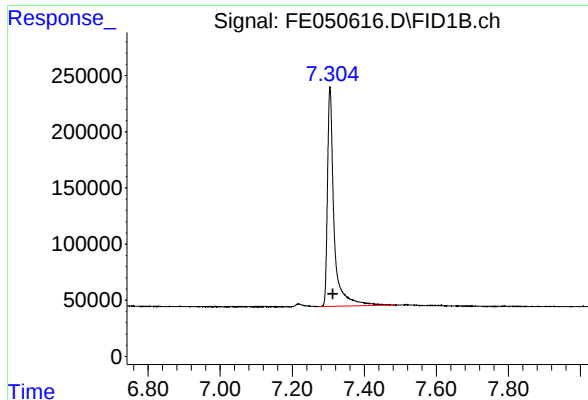
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: -0.007 min
Response: 2670273
Conc: 18.67 ug/ml



#4 n-Dodecane (C12)

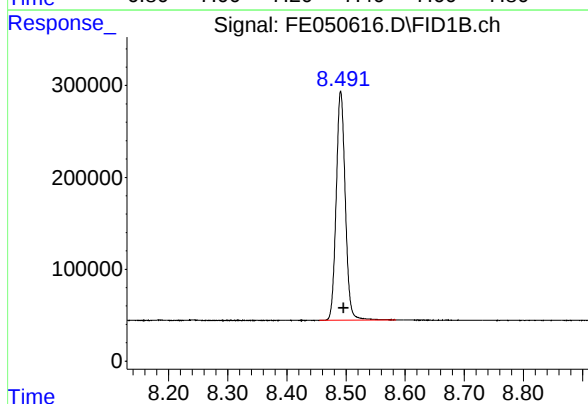
R.T.: 6.665 min
Delta R.T.: -0.004 min
Response: 2696808
Conc: 18.74 ug/ml



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

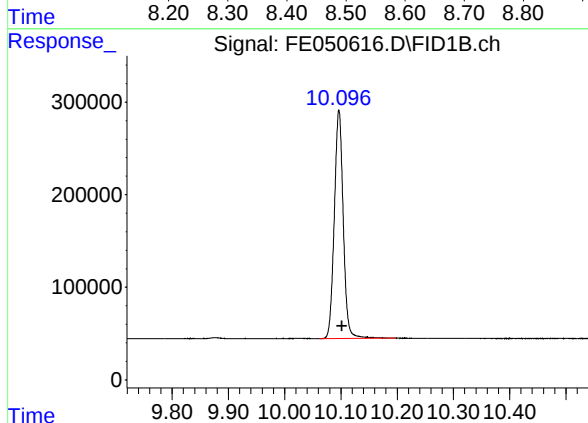
R.T.: 7.305 min
Delta R.T.: -0.008 min
Response: 2487914
Conc: 18.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



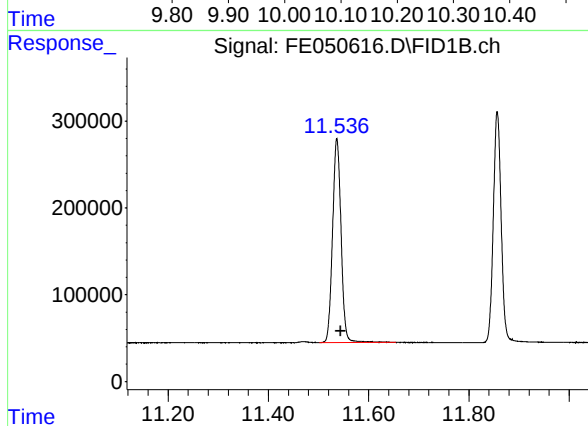
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.005 min
Response: 2660684
Conc: 18.60 ug/ml



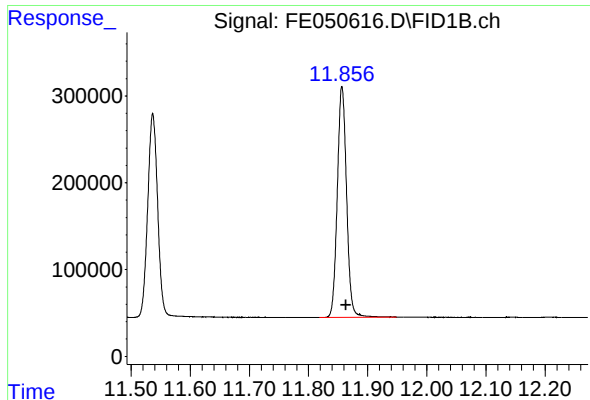
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.006 min
Response: 2722797
Conc: 18.50 ug/ml



#8 n-Octadecane (C18)

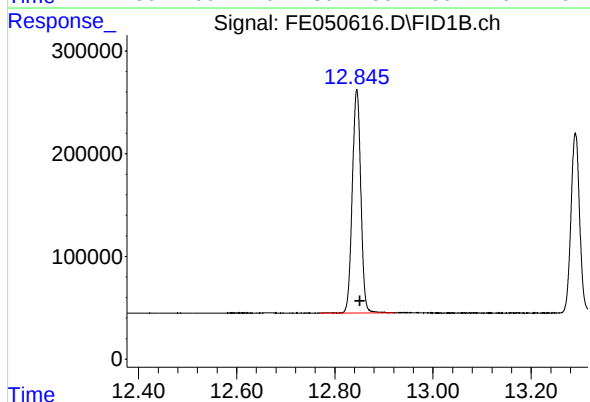
R.T.: 11.537 min
Delta R.T.: -0.007 min
Response: 2763524
Conc: 18.50 ug/ml



#9 ortho-Terphenyl (SURR)

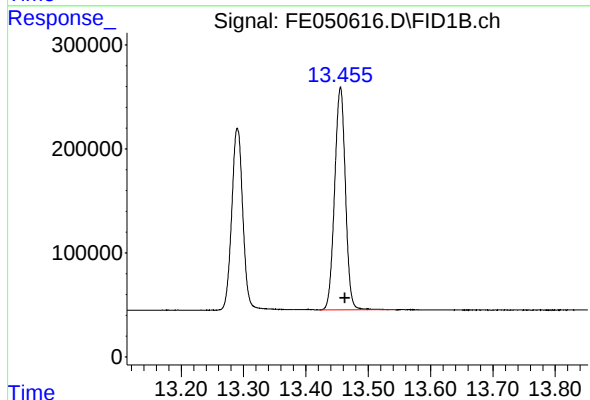
R.T.: 11.857 min
Delta R.T.: -0.006 min
Response: 2896068
Conc: 18.37 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



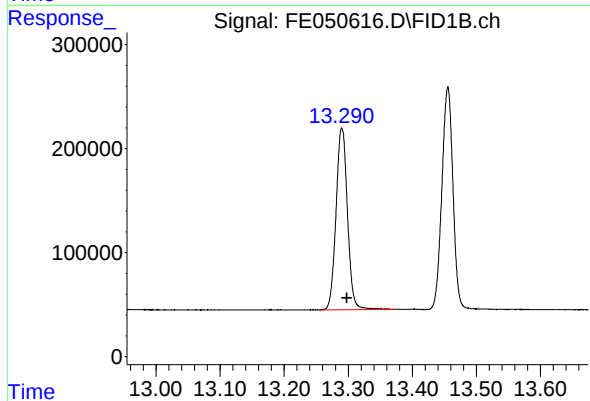
#10 n-Eicosane (C20)

R.T.: 12.845 min
Delta R.T.: -0.007 min
Response: 2624976
Conc: 18.31 ug/ml



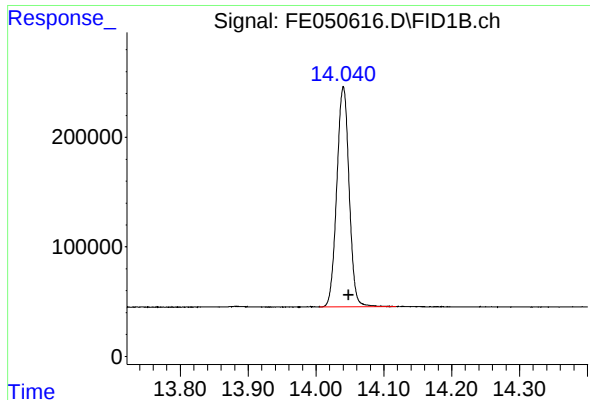
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.007 min
Response: 2572651
Conc: 18.32 ug/ml



#12 1-chlorooctadecane (SURR)

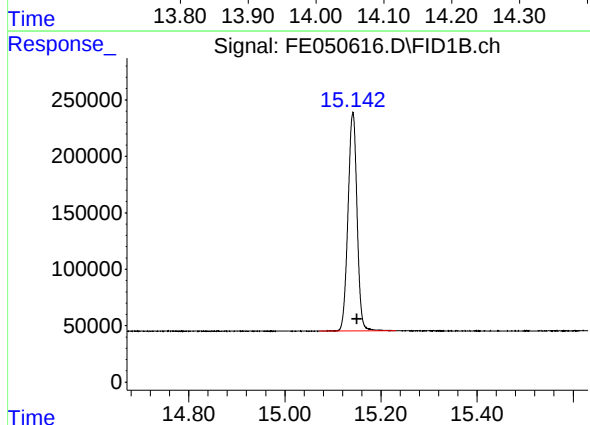
R.T.: 13.290 min
Delta R.T.: -0.008 min
Response: 2161687
Conc: 18.27 ug/ml



#13 n-Docosane (C22)

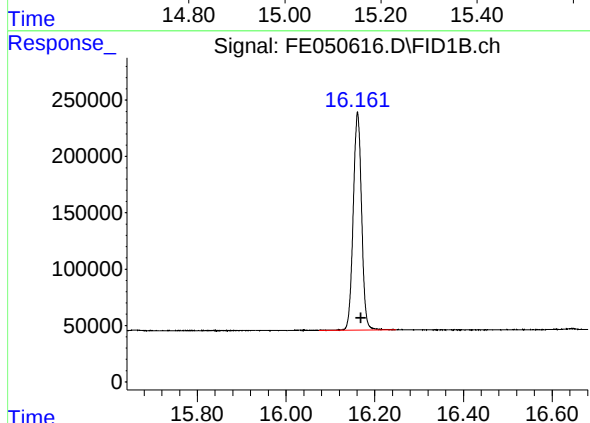
R.T.: 14.040 min
Delta R.T.: -0.008 min
Response: 2536257
Conc: 18.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



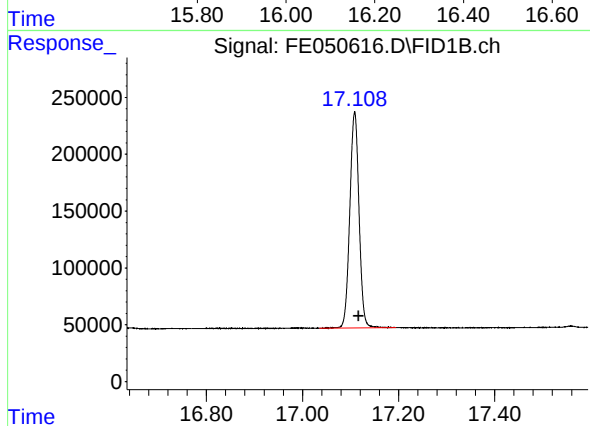
#14 n-Tetracosane (C24)

R.T.: 15.141 min
Delta R.T.: -0.009 min
Response: 2533290
Conc: 17.93 ug/ml



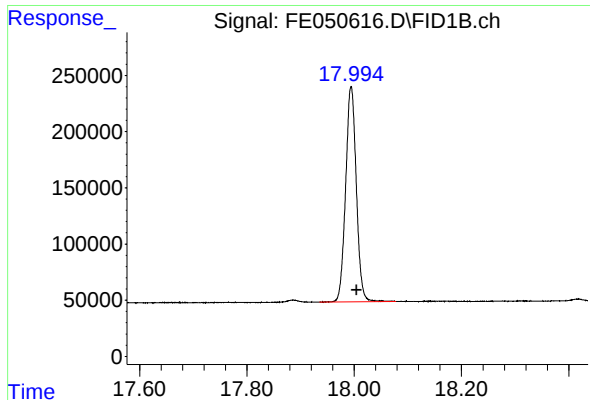
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.008 min
Response: 2526183
Conc: 17.95 ug/ml



#16 n-Octacosane (C28)

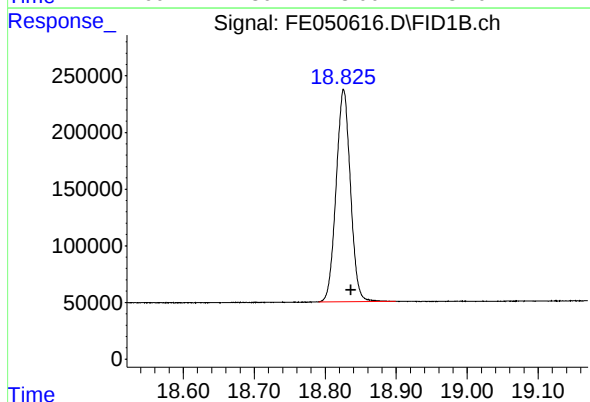
R.T.: 17.108 min
Delta R.T.: -0.009 min
Response: 2534612
Conc: 17.32 ug/ml



#17 n-Tricontane (C30)

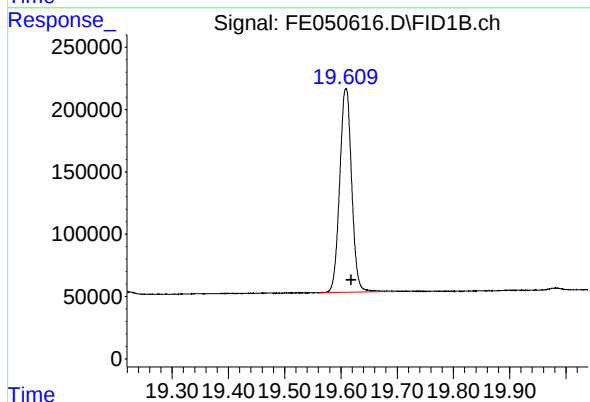
R.T.: 17.994 min
Delta R.T.: -0.010 min
Response: 2636480
Conc: 16.58 ug/ml

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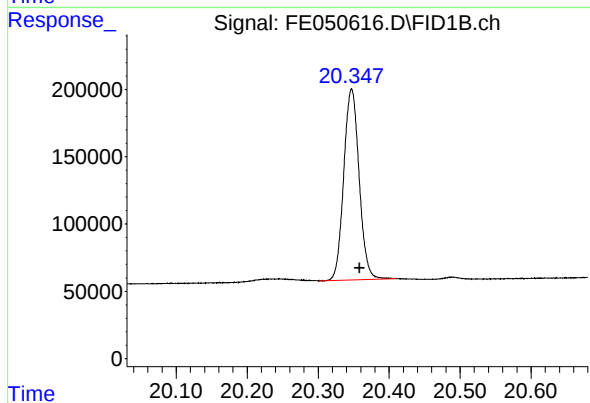
#18 n-Dotriacontane (C32)

R.T.: 18.826 min
Delta R.T.: -0.011 min
Response: 2617723
Conc: 16.15 ug/ml



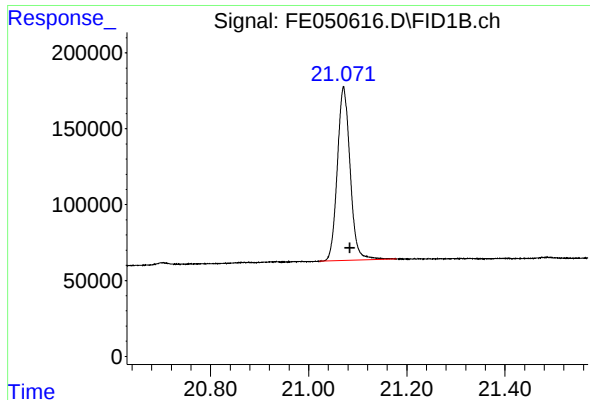
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.010 min
Response: 2412473
Conc: 16.42 ug/ml



#20 n-Hexatriacontane (C36)

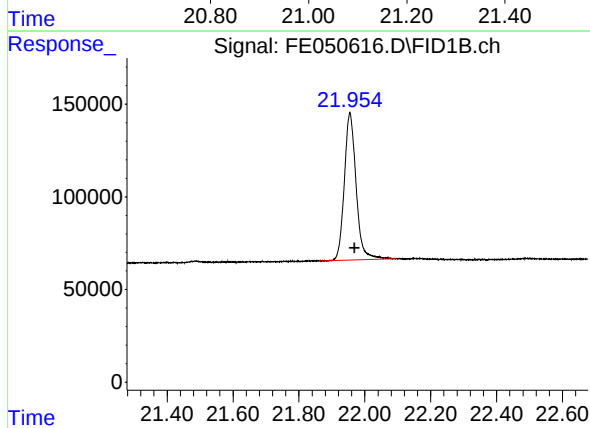
R.T.: 20.347 min
Delta R.T.: -0.011 min
Response: 2137026
Conc: 16.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.013 min
Response: 2069896
Conc: 16.74 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.014 min
Response: 1960547
Conc: 17.61 ug/ml