

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031825AL\
 Data File : FE052846.D
 Signal(s) : FID1B.ch
 Acq On : 18 Mar 2025 18:43
 Operator : YP\AJ
 Sample : Q1592-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OILY-DEBRIS-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/19/2025
 Supervised By :mohammad ahmed 03/24/2025

Integration File: autoint1.e
 Quant Time: Mar 19 04:42:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.910	4620631	27.408 ug/ml
Spiked Amount 50.000		Recovery =	54.82%
12) S 1-chlorooctadecane (S...	13.360	3755444	30.928 ug/ml
Spiked Amount 50.000		Recovery =	61.86%
Target Compounds			
1) T n-Nonane (C9)	3.249	4119219	26.567 ug/ml
2) T n-Decane (C10)	4.512	4621523	29.418 ug/ml
3) T A~Naphthalene (C11.7)	6.225	5229498	30.836 ug/ml
4) T n-Dodecane (C12)	6.692	5164158	33.168 ug/ml
5) T A~2-methylnaphthalene...	7.328	5031299	31.046 ug/ml
6) T n-Tetradecane (C14)	8.531	5347718	35.343 ug/ml
7) T n-Hexadecane (C16)	10.145	5269350	34.466 ug/ml
8) T n-Octadecane (C18)	11.595	5319421	34.964 ug/ml
10) T n-Eicosane (C20)	12.913	5590937	38.512 ug/ml
11) T n-Heneicosane (C21)	13.531	5940515	41.738 ug/ml
13) T n-Docosane (C22)	14.124	8643514	60.737 ug/ml
14) T n-Tetracosane (C24)	15.222	5985213	41.823 ug/mlm
15) T n-Hexacosane (C26)	16.280	5653567	39.760 ug/mlm
16) T n-Octacosane (C28)	17.240	6608193	46.473 ug/mlm
17) T n-Tricontane (C30)	18.134	5013606	33.944 ug/mlm
18) T n-Dotriacontane (C32)	18.954	13458999	92.706 ug/mlm
19) T n-Tetratriacontane (C34)	19.746	8314877	61.693 ug/mlm
20) T n-Hexatriacontane (C36)	20.482	4638129	39.034 ug/mlm
21) T n-Octatriacontane (C38)	21.223	4757699	42.887 ug/ml
22) T n-Tetracontane (C40)	22.147	5414268	50.078 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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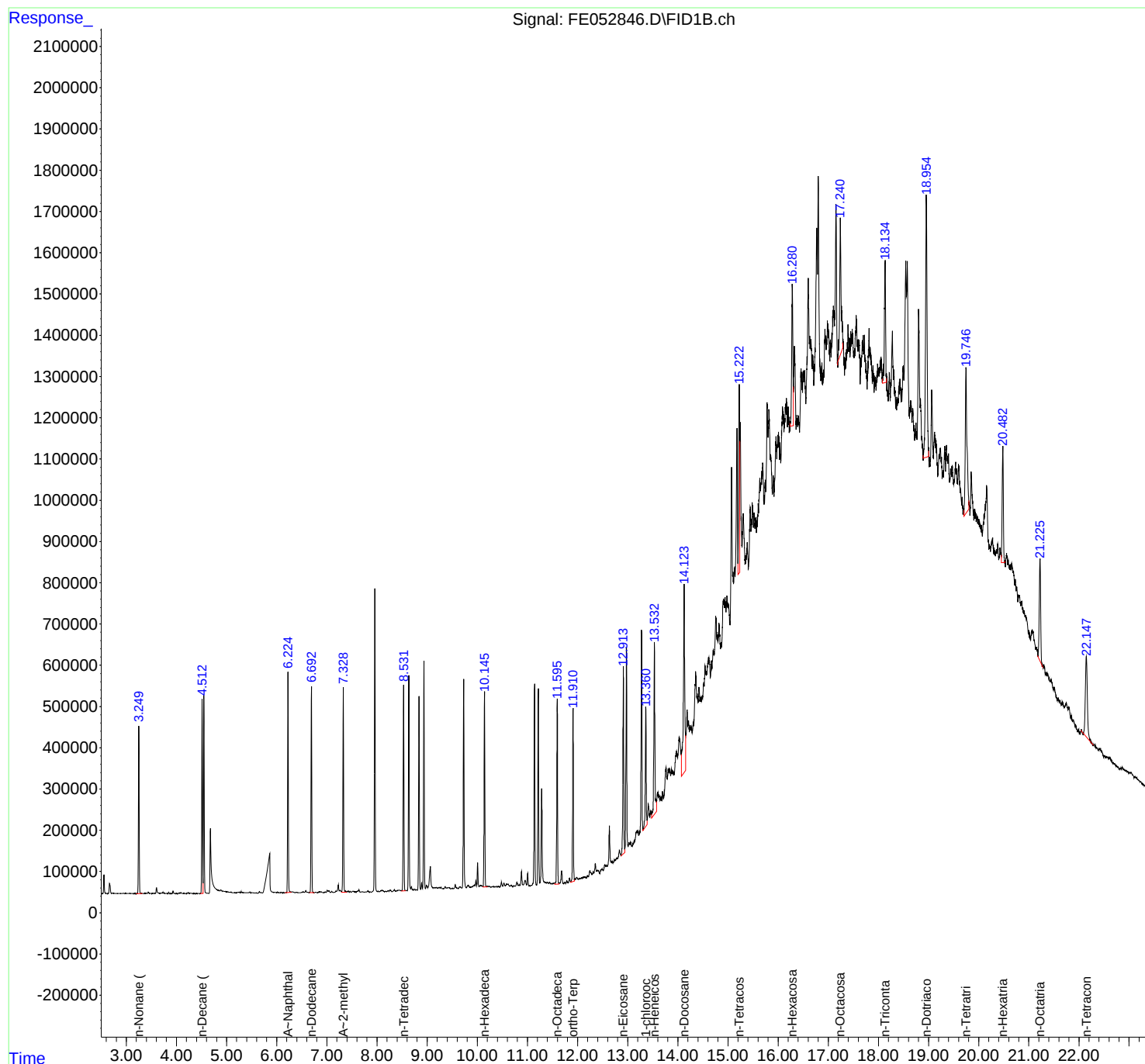
Instrument :
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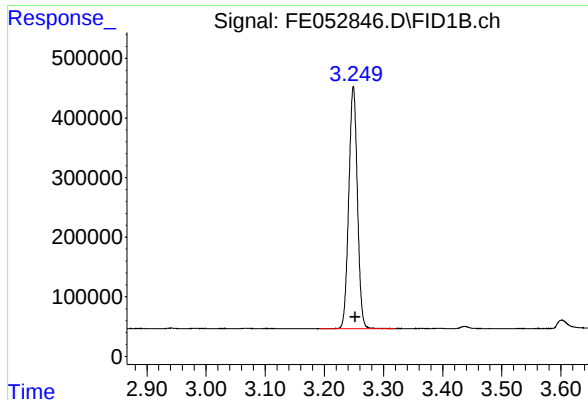
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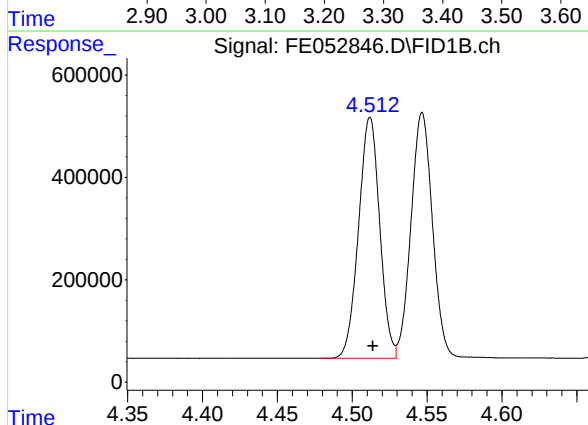
#1 n-Nonane (C9)

R.T.: 3.249 min
Delta R.T.: -0.003 min
Response: 4119219
Conc: 26.57 ug/ml

Instrument :
FID_E
ClientSampleId :
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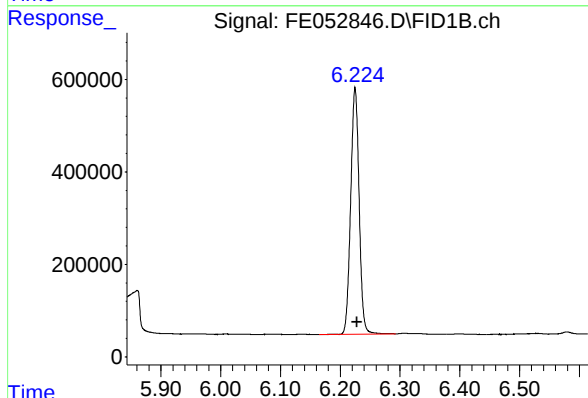
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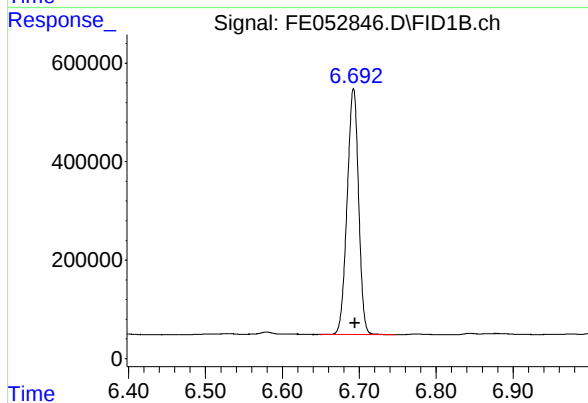
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 4621523
Conc: 29.42 ug/ml



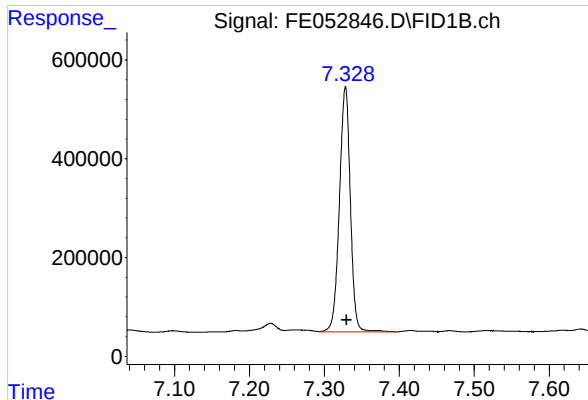
#3 A~Naphthalene (C11.7)

R.T.: 6.225 min
Delta R.T.: -0.003 min
Response: 5229498
Conc: 30.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.692 min
Delta R.T.: -0.002 min
Response: 5164158
Conc: 33.17 ug/ml



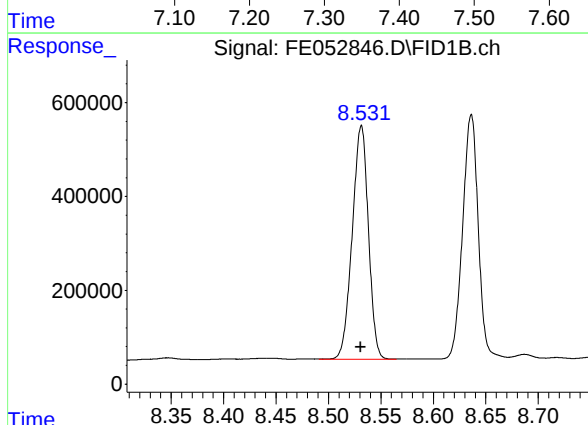
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 5031299
Conc: 31.05 ug/ml

Instrument : FID_E
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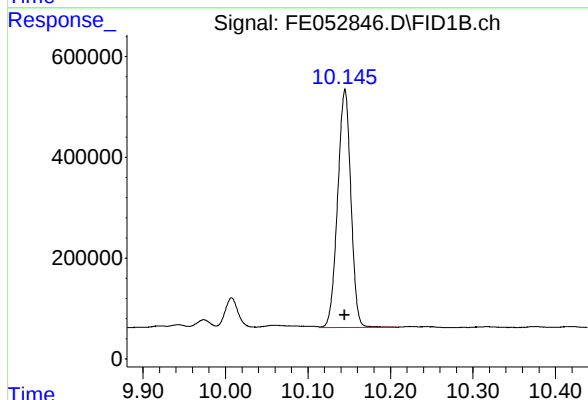
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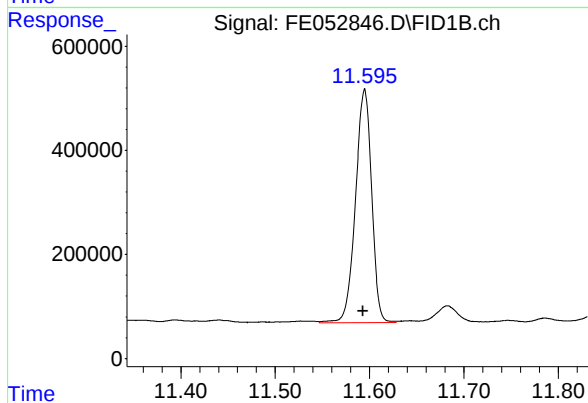
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 5347718
Conc: 35.34 ug/ml



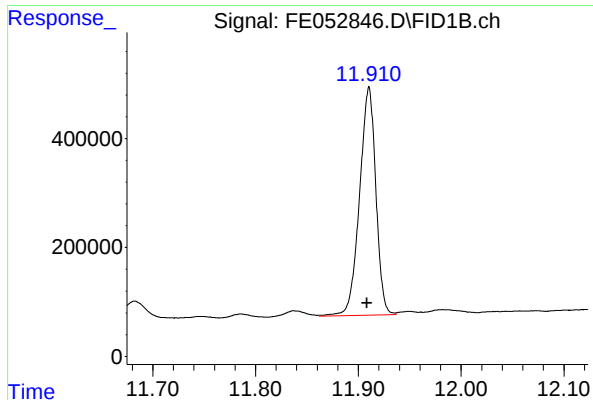
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 5269350
Conc: 34.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.595 min
Delta R.T.: 0.001 min
Response: 5319421
Conc: 34.96 ug/ml



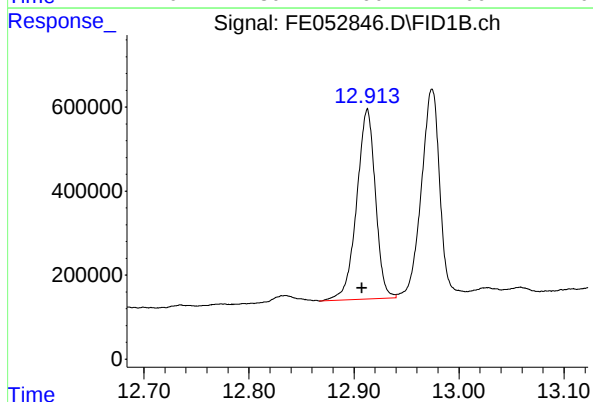
#9 ortho-Terphenyl (SURR)

R.T.: 11.910 min
Delta R.T.: 0.002 min
Response: 4620631
Conc: 27.41 ug/ml

Instrument : FID_E
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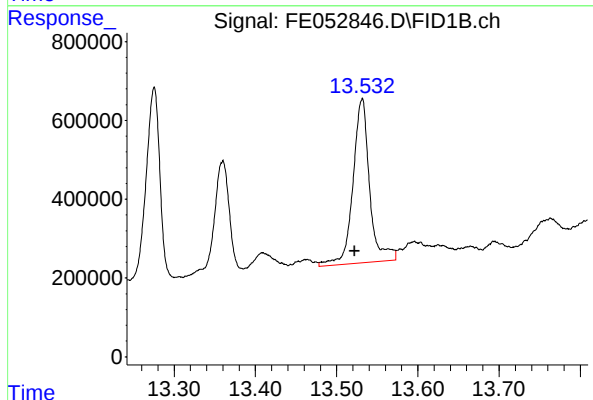
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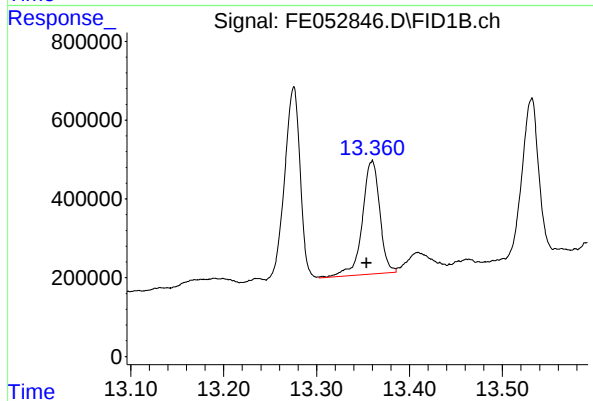
#10 n-Eicosane (C20)

R.T.: 12.913 min
Delta R.T.: 0.005 min
Response: 5590937
Conc: 38.51 ug/ml



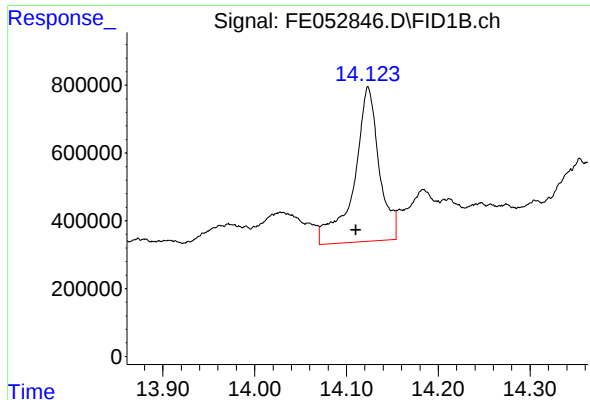
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.009 min
Response: 5940515
Conc: 41.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.360 min
Delta R.T.: 0.005 min
Response: 3755444
Conc: 30.93 ug/ml



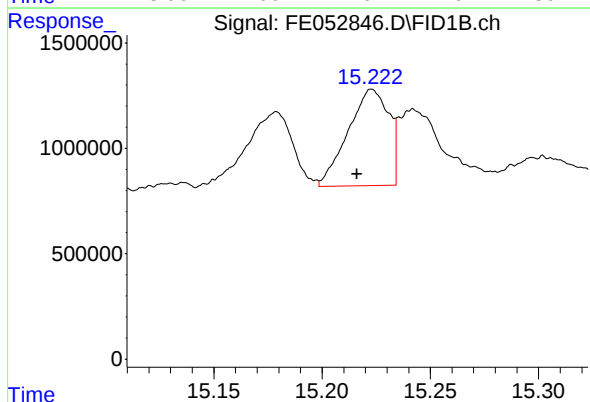
#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: 0.014 min
Response: 8643514
Conc: 60.74 ug/ml

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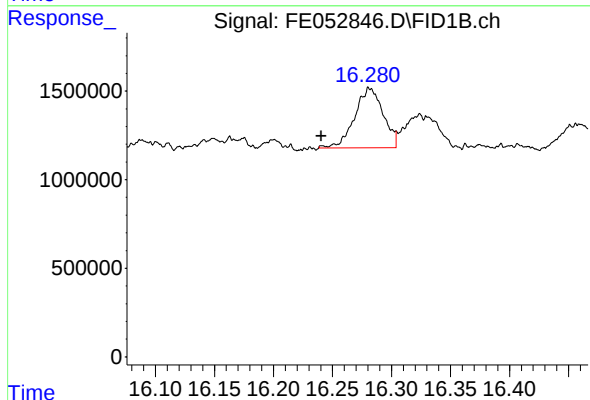
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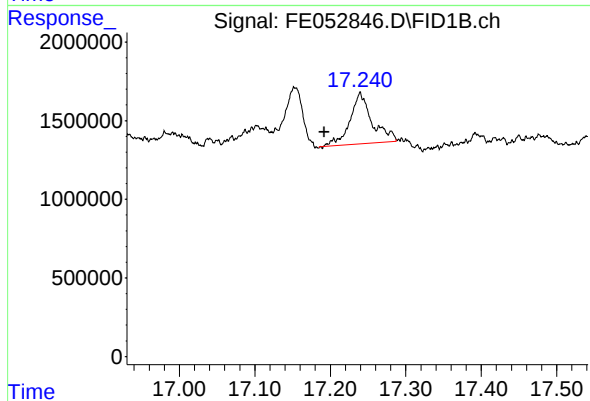
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: 0.006 min
Response: 5985213
Conc: 41.82 ug/ml m



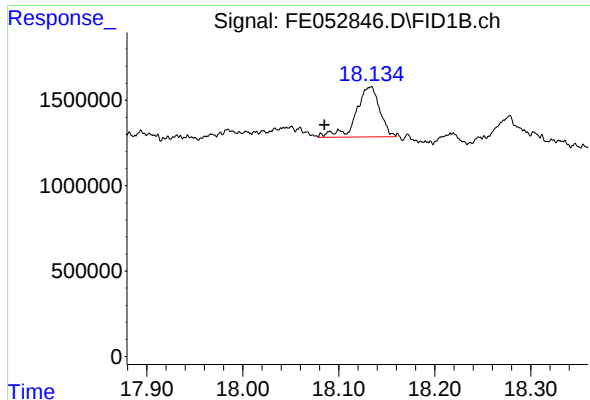
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: 0.039 min
Response: 5653567
Conc: 39.76 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.240 min
Delta R.T.: 0.047 min
Response: 6608193
Conc: 46.47 ug/ml m



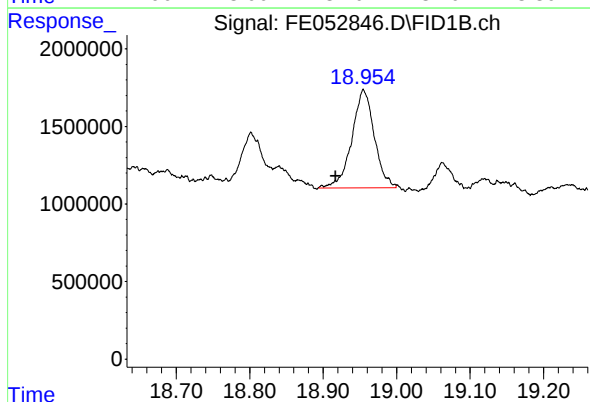
#17 n-Tricontane (C30)

R.T.: 18.134 min
Delta R.T.: 0.049 min
Response: 5013606
Conc: 33.94 ug/ml

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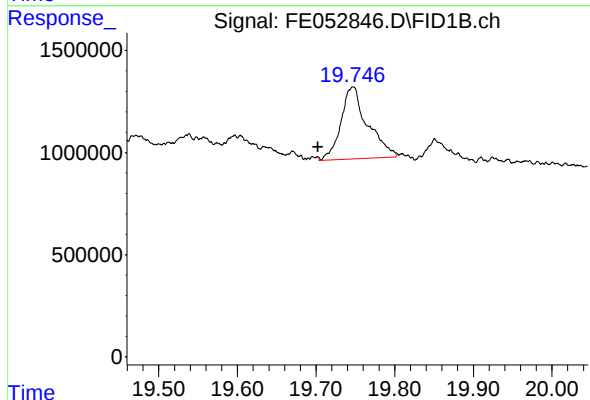
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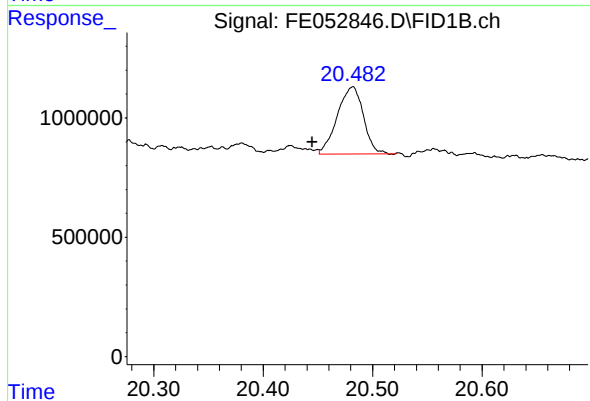
#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.037 min
Response: 13458999
Conc: 92.71 ug/ml m



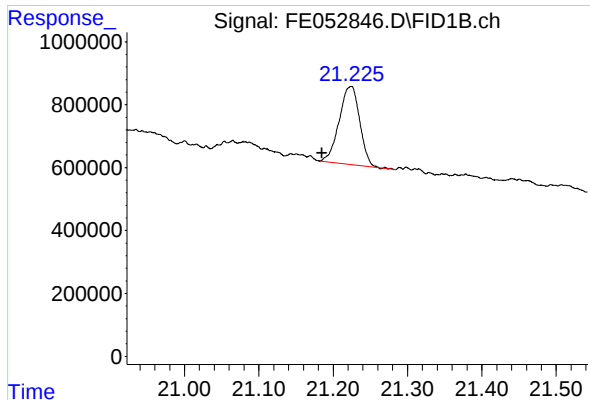
#19 n-Tetatriacontane (C34)

R.T.: 19.746 min
Delta R.T.: 0.044 min
Response: 8314877
Conc: 61.69 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.482 min
Delta R.T.: 0.038 min
Response: 4638129
Conc: 39.03 ug/ml m



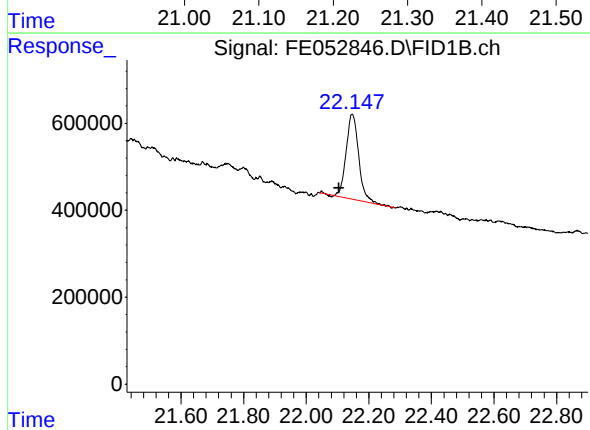
#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: 0.038 min
Response: 4757699
Conc: 42.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.147 min
Delta R.T.: 0.042 min
Response: 5414268
Conc: 50.08 ug/ml