

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031825AL\
 Data File : FE052847.D
 Signal(s) : FID1B.ch
 Acq On : 18 Mar 2025 19:13
 Operator : YP\AJ
 Sample : Q1592-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OILY-DEBRIS-COMPMSD

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 04:07:20 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	4800816	28.477 ug/ml
Spiked Amount 50.000		Recovery =	56.95%
12) S 1-chlorooctadecane (S...	13.361	3889998	32.036 ug/ml
Spiked Amount 50.000		Recovery =	64.07%
Target Compounds			
1) T n-Nonane (C9)	3.249	4245938	27.384 ug/ml
2) T n-Decane (C10)	4.512	4769328	30.359 ug/ml
3) T A~Naphthalene (C11.7)	6.226	5403669	31.863 ug/ml
4) T n-Dodecane (C12)	6.693	5336623	34.275 ug/ml
5) T A~2-methylnaphthalene...	7.328	5209310	32.145 ug/ml
6) T n-Tetradecane (C14)	8.531	5523217	36.503 ug/ml
7) T n-Hexadecane (C16)	10.145	5467323	35.760 ug/ml
8) T n-Octadecane (C18)	11.595	5527874	36.334 ug/ml
10) T n-Eicosane (C20)	12.914	5837886	40.213 ug/ml
11) T n-Heneicosane (C21)	13.531	6124416	43.030 ug/ml
13) T n-Docosane (C22)	14.125	9324606	65.523 ug/ml
14) T n-Tetracosane (C24)	15.225	6400286	44.723 ug/mlm
15) T n-Hexacosane (C26)	16.284	7587023	53.357 ug/mlm
16) T n-Octacosane (C28)	17.242	7975938	56.091 ug/mlm
17) T n-Tricontane (C30)	18.133	5836497	39.516 ug/mlm
18) T n-Dotriacontane (C32)	18.957	12731937	87.698 ug/mlm
19) T n-Tetratriacontane (C34)	19.748	9126564	67.715 ug/ml
20) T n-Hexatriacontane (C36)	20.483	5314706	44.728 ug/ml
21) T n-Octatriacontane (C38)	21.226	5000194	45.073 ug/ml
22) T n-Tetracontane (C40)	22.151	6446629	59.627 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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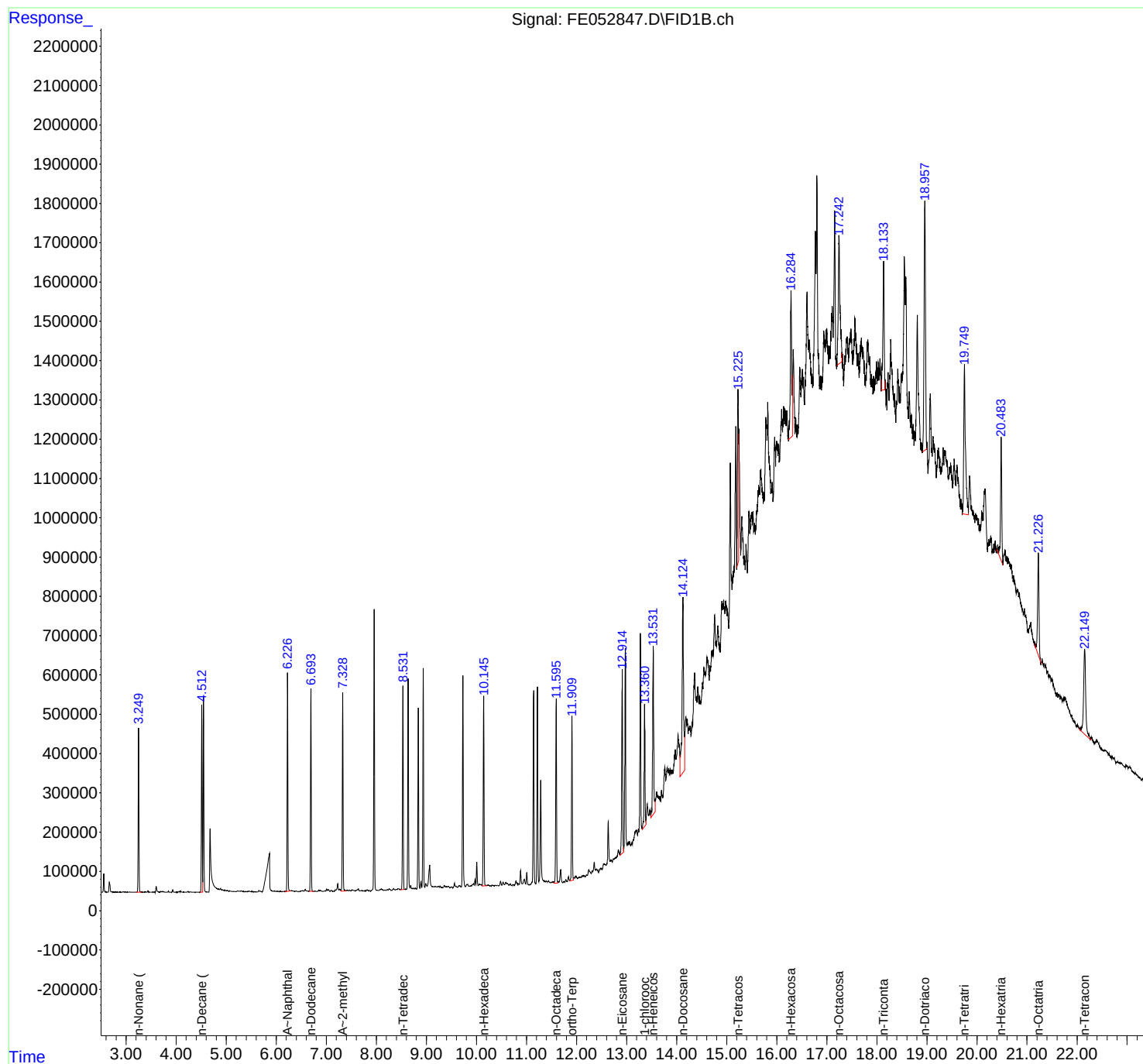
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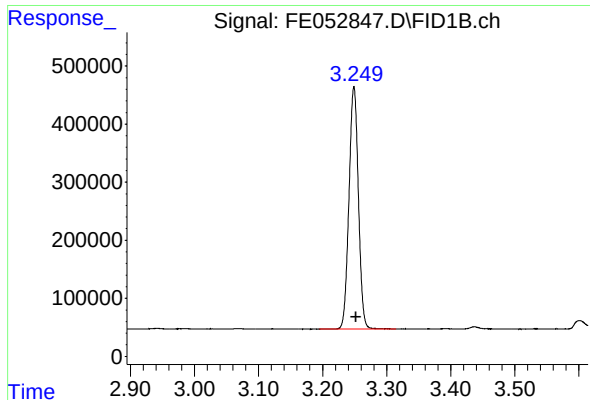
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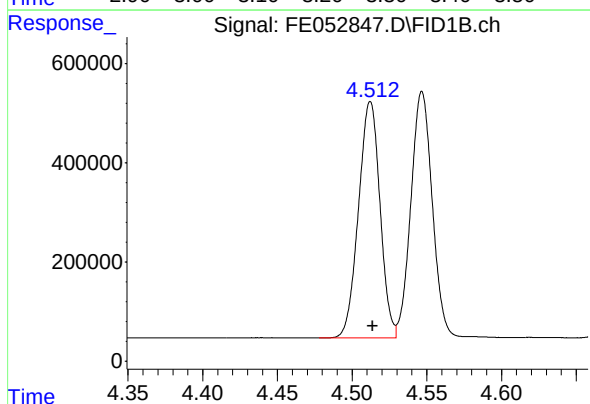
#1 n-Nonane (C9)

R.T.: 3.249 min
Delta R.T.: -0.003 min
Response: 4245938
Conc: 27.38 ug/ml

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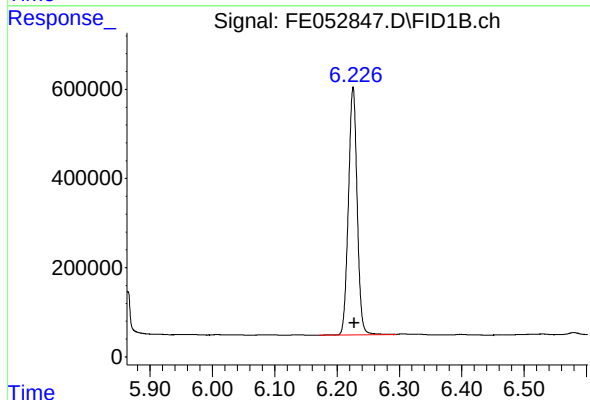
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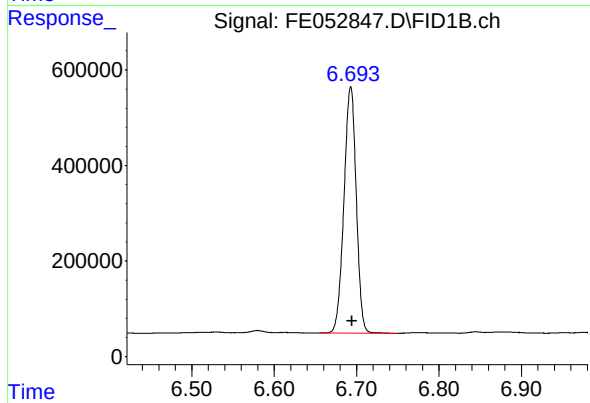
#2 n-Decane (C10)

R.T.: 4.512 min
Delta R.T.: -0.002 min
Response: 4769328
Conc: 30.36 ug/ml



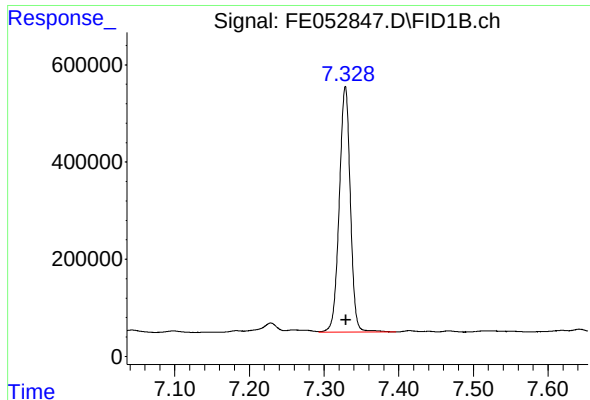
#3 A~Naphthalene (C11.7)

R.T.: 6.226 min
Delta R.T.: -0.002 min
Response: 5403669
Conc: 31.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.693 min
Delta R.T.: -0.002 min
Response: 5336623
Conc: 34.28 ug/ml



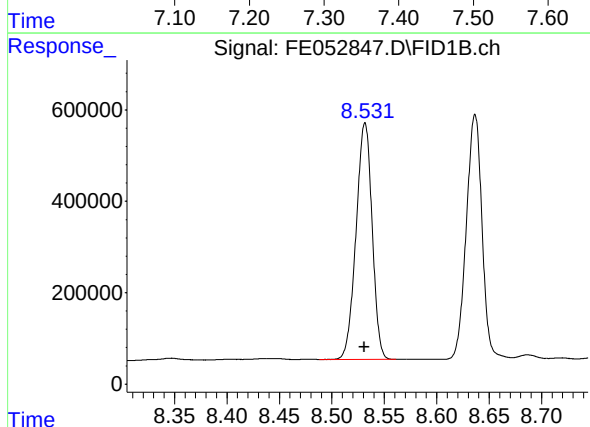
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.328 min
Delta R.T.: -0.001 min
Response: 5209310
Conc: 32.14 ug/ml

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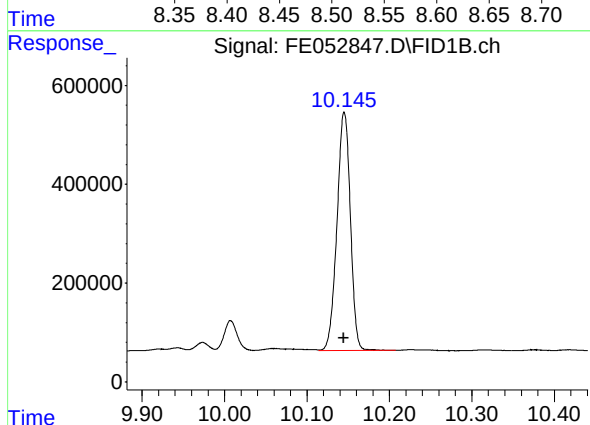
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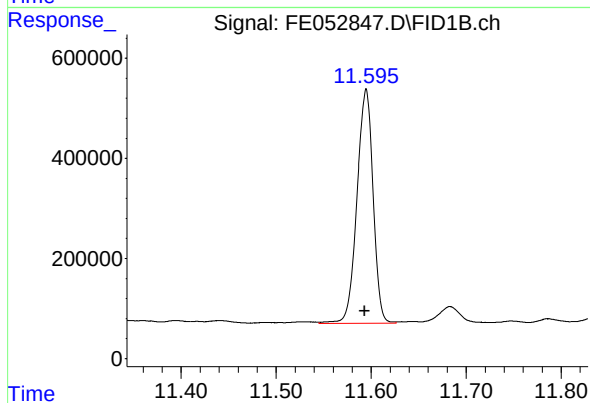
#6 n-Tetradecane (C14)

R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 5523217
Conc: 36.50 ug/ml



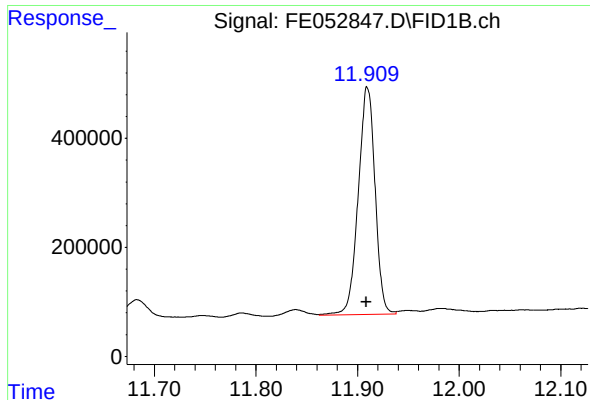
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: 0.000 min
Response: 5467323
Conc: 35.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.595 min
Delta R.T.: 0.001 min
Response: 5527874
Conc: 36.33 ug/ml



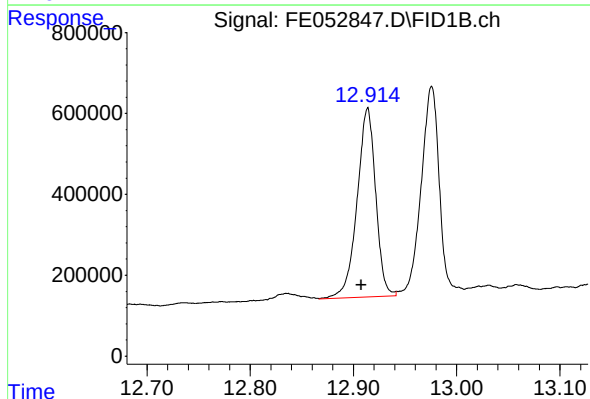
#9 ortho-Terphenyl (SURR)

R.T.: 11.910 min
Delta R.T.: 0.001 min
Response: 4800816
Conc: 28.48 ug/ml

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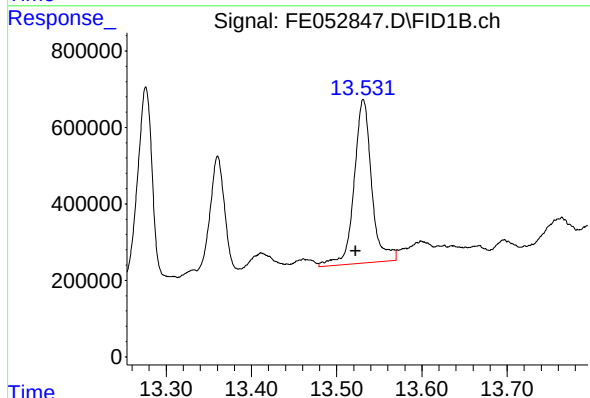
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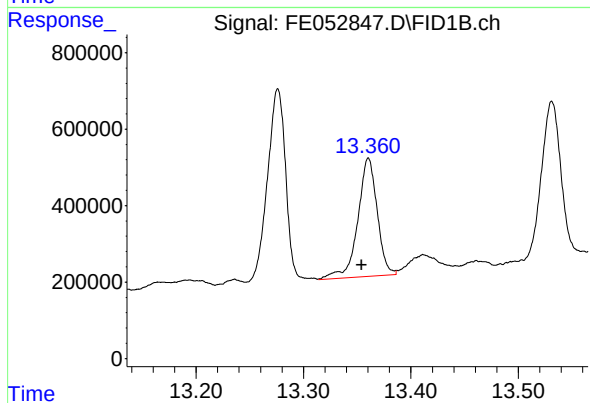
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.006 min
Response: 5837886
Conc: 40.21 ug/ml



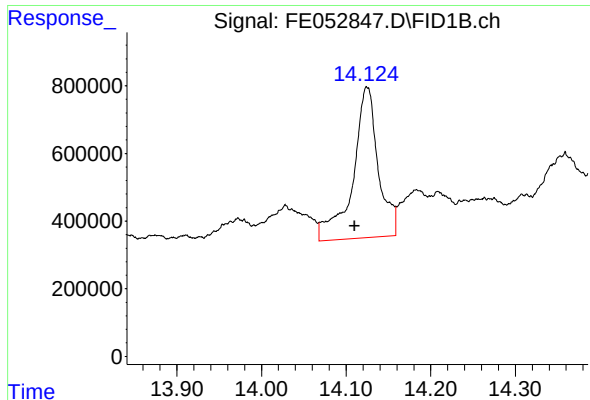
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.009 min
Response: 6124416
Conc: 43.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.361 min
Delta R.T.: 0.006 min
Response: 3889998
Conc: 32.04 ug/ml



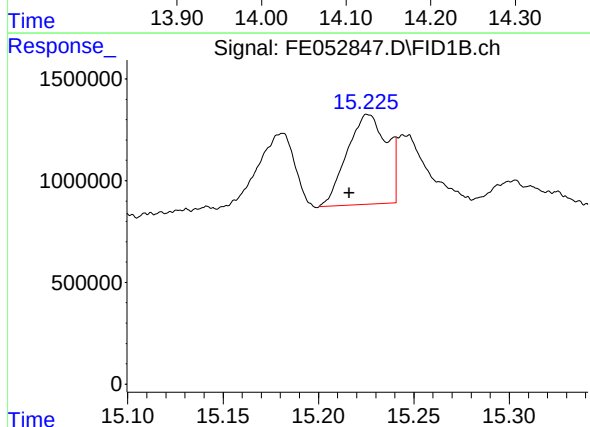
#13 n-Docosane (C22)

R.T.: 14.125 min
Delta R.T.: 0.015 min
Response: 9324606
Conc: 65.52 ug/ml

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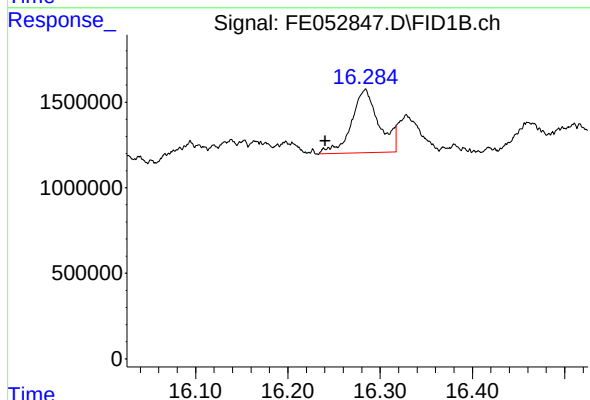
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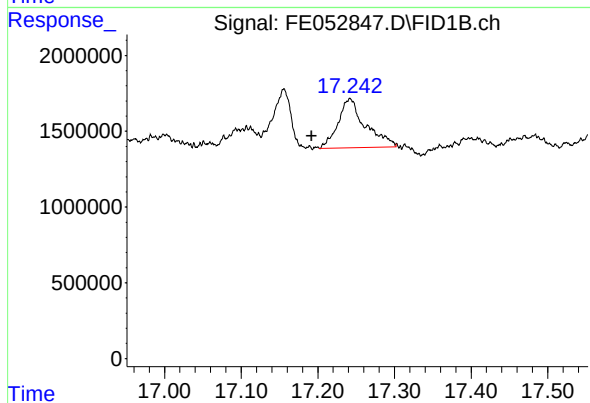
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: 0.009 min
Response: 6400286
Conc: 44.72 ug/ml m



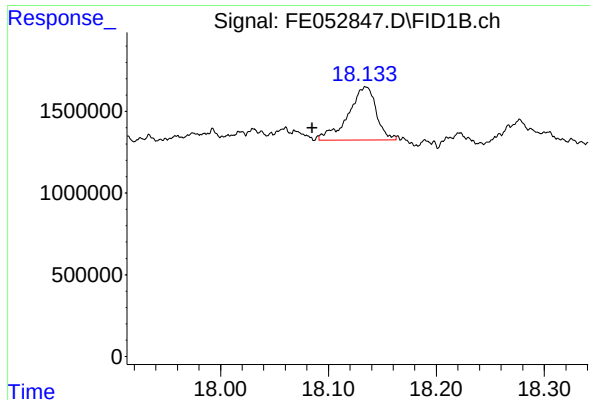
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: 0.043 min
Response: 7587023
Conc: 53.36 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.242 min
Delta R.T.: 0.050 min
Response: 7975938
Conc: 56.09 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.133 min
Delta R.T.: 0.048 min
Response: 5836497
Conc: 39.52 ug/ml

Instrument :

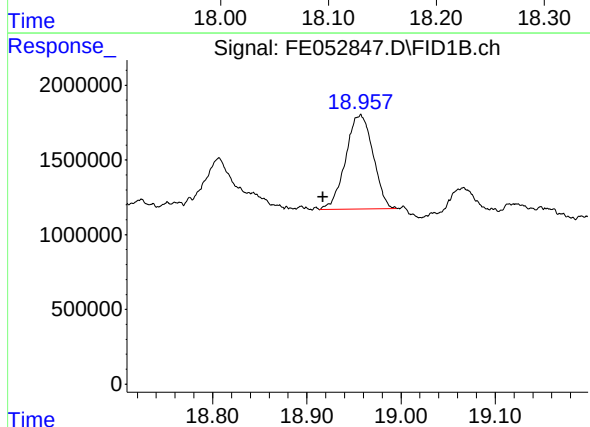
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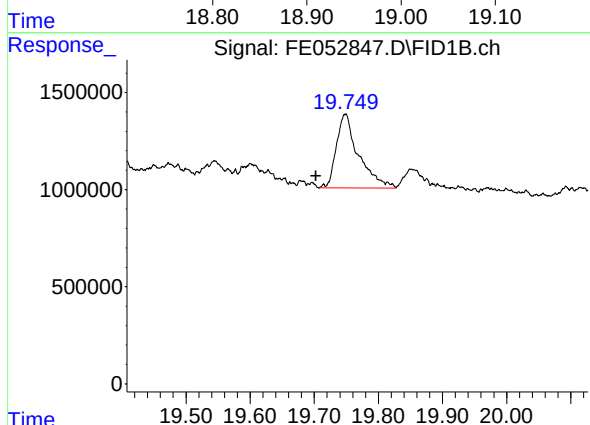
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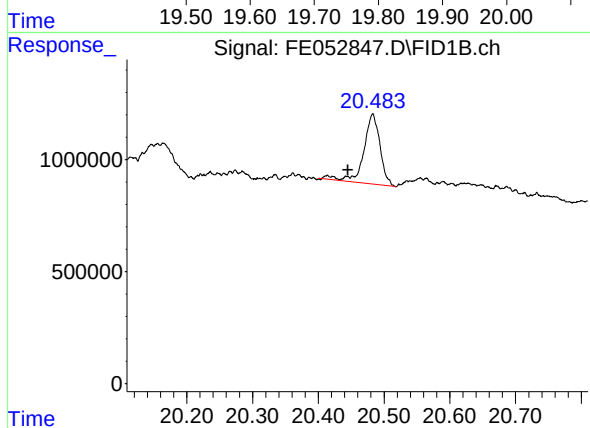
#18 n-Dotriacontane (C32)

R.T.: 18.957 min
Delta R.T.: 0.040 min
Response: 12731937
Conc: 87.70 ug/ml m



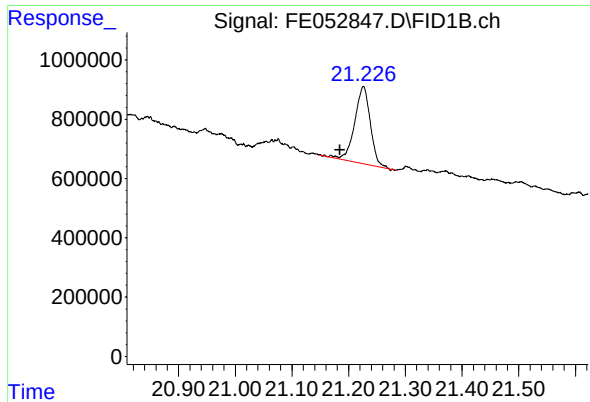
#19 n-Tetratriacontane (C34)

R.T.: 19.748 min
Delta R.T.: 0.046 min
Response: 9126564
Conc: 67.71 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.483 min
Delta R.T.: 0.038 min
Response: 5314706
Conc: 44.73 ug/ml



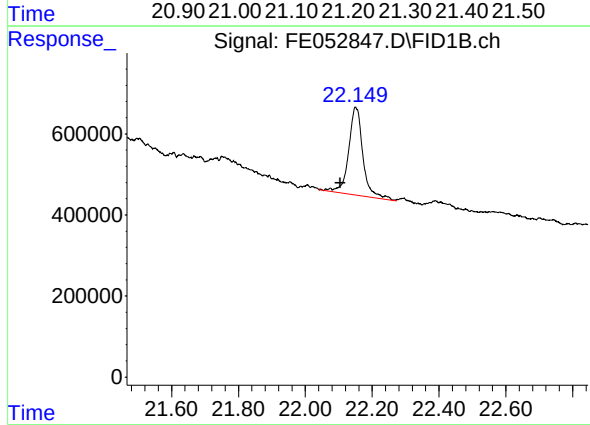
#21 n-Octatriacontane (C38)

R.T.: 21.226 min
Delta R.T.: 0.041 min
Response: 5000194
Conc: 45.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.047 min
Response: 6446629
Conc: 59.63 ug/ml