

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041823AL\
 Data File : FE041412.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2023 16:37
 Operator : YP\AJ
 Sample : 02386-06MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SPA-2WC-23-04MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2023
 Supervised By :Ankita Jodhani 04/19/2023

Integration File: autoint1.e
 Quant Time: Apr 18 23:04:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.871	8711253	46.351 ug/mlm
Spiked Amount 50.000		Recovery =	92.70%
12) S 1-chlorooctadecane (S...	13.315	5353209	37.206 ug/mlm
Spiked Amount 50.000		Recovery =	74.41%
Target Compounds			
1) T n-Nonane (C9)	3.264	15622467	90.036 ug/ml
2) T n-Decane (C10)	4.511	26834497	157.648 ug/ml
3) T A~Naphthalene (C11.7)	6.204	21365956	116.812 ug/ml
4) T n-Dodecane (C12)	6.664	21851954	125.976 ug/ml
5) T A~2-methylnaphthalene...	7.297	17306721	104.500 ug/ml
6) T n-Tetradecane (C14)	8.497	24927235	142.960 ug/mlm
7) T n-Hexadecane (C16)	10.104	18010782	101.268 ug/ml
8) T n-Octadecane (C18)	11.555	16413154	91.924 ug/mlm
10) T n-Eicosane (C20)	12.875	12334122	72.310 ug/mlm
11) T n-Heneicosane (C21)	13.490	10759059	63.594 ug/mlm
13) T n-Docosane (C22)	14.081	11075847	66.929 ug/mlm
14) T n-Tetracosane (C24)	15.161	13526595	83.608 ug/mlm
15) T n-Hexacosane (C26)	16.228	9682574	62.462 ug/mlm
16) T n-Octacosane (C28)	17.134	8849741	57.773 ug/mlm
17) T n-Tricontane (C30)	18.071	9046936	59.186 ug/mlm
18) T n-Dotriacontane (C32)	18.900	10023095	64.198 ug/mlm
19) T n-Tetratriacontane (C34)	19.688	10848664	70.006 ug/mlm
20) T n-Hexatriacontane (C36)	20.422	8529286	56.151 ug/mlm
21) T n-Octatriacontane (C38)	21.152	7680370	49.164 ug/mlm
22) T n-Tetracontane (C40)	22.045	9383152	58.790 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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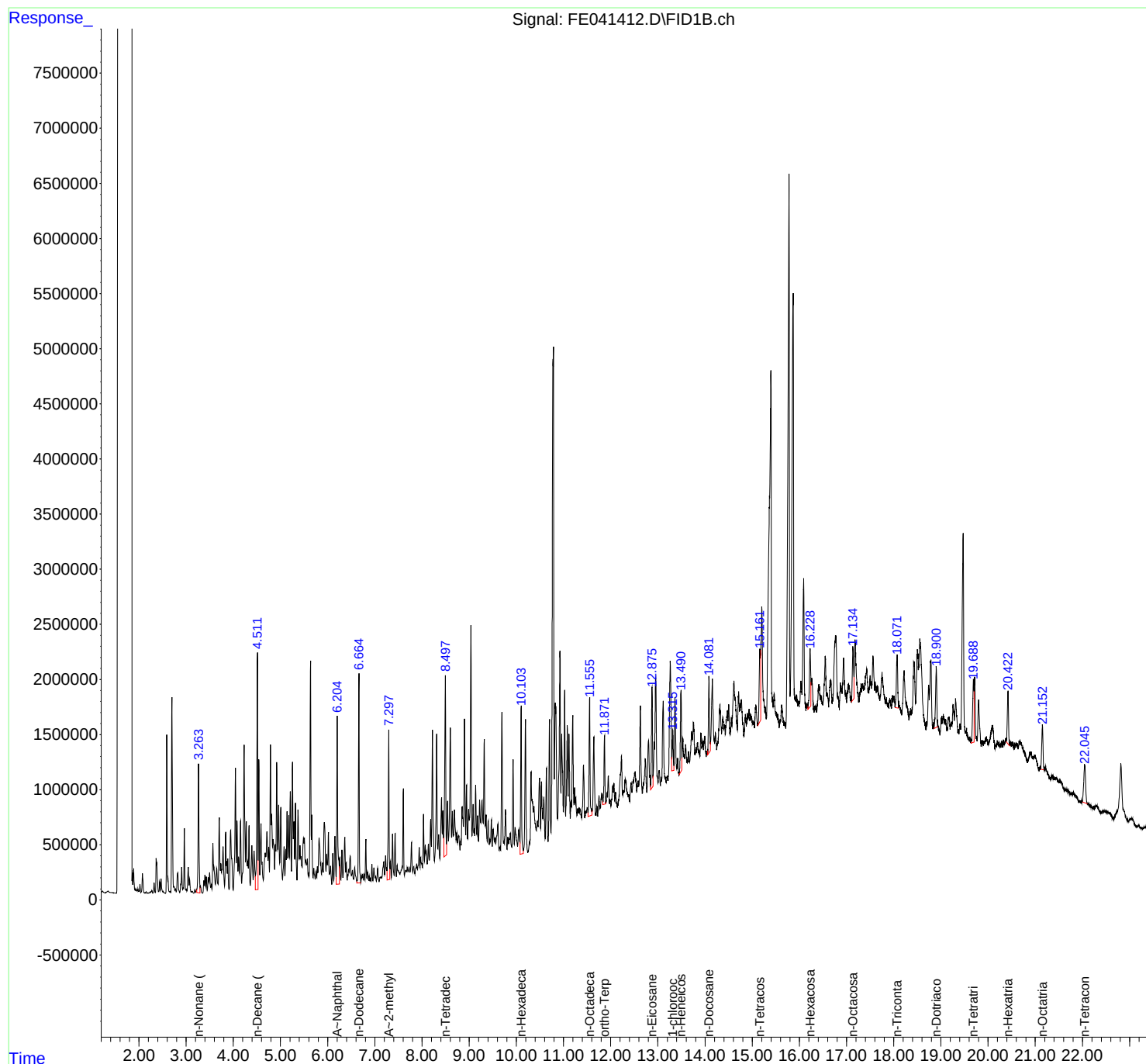
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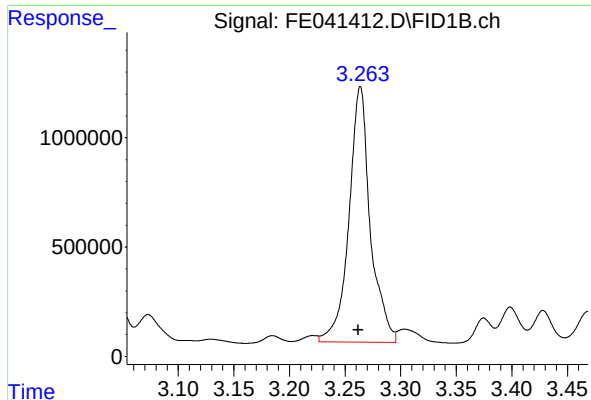
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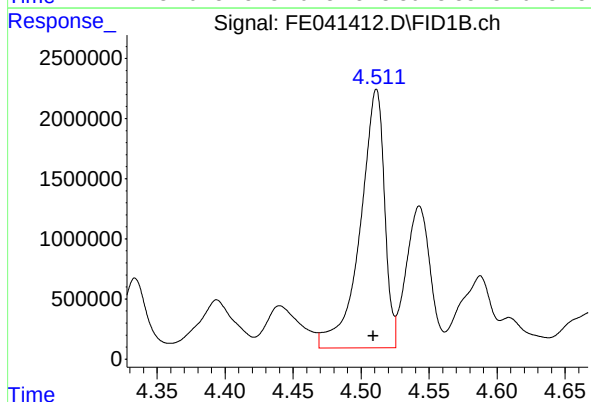
#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: 0.002 min
Response: 15622467
Conc: 90.04 ug/ml

Instrument : FID_E
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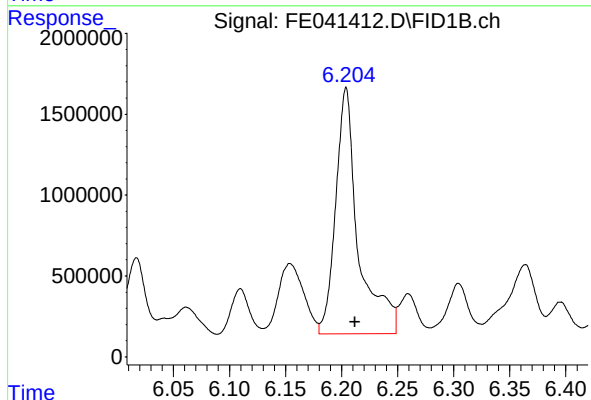
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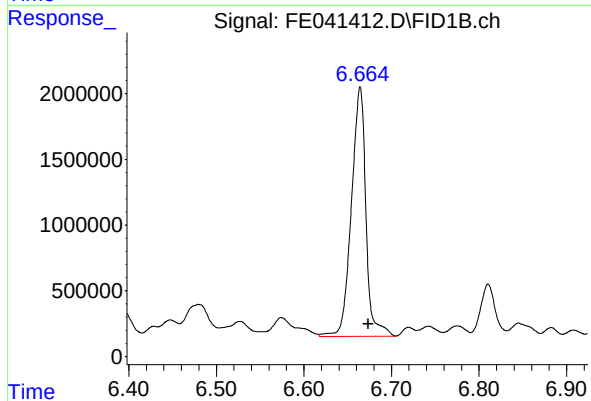
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: 0.002 min
Response: 26834497
Conc: 157.65 ug/ml



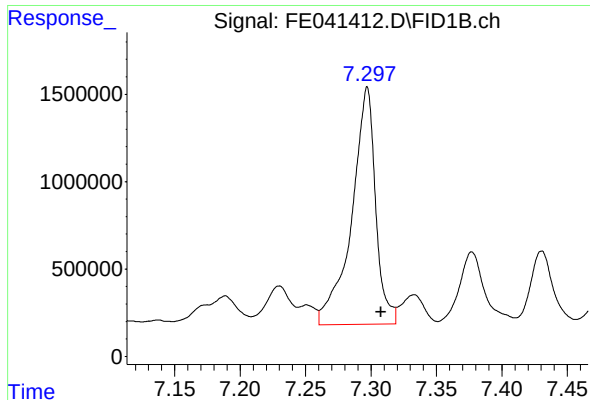
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: -0.008 min
Response: 21365956
Conc: 116.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.664 min
Delta R.T.: -0.009 min
Response: 21851954
Conc: 125.98 ug/ml



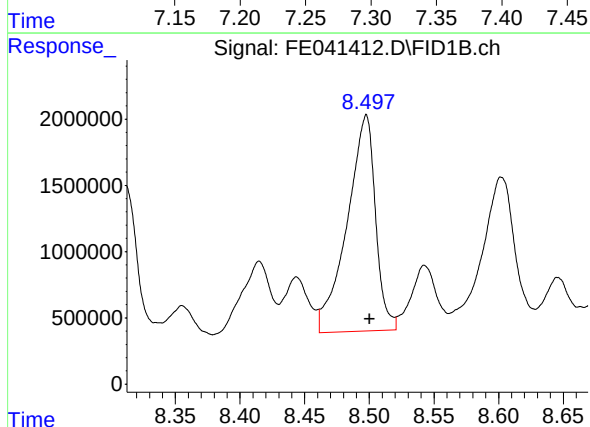
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.297 min
Delta R.T.: -0.010 min
Response: 17306721
Conc: 104.50 ug/ml

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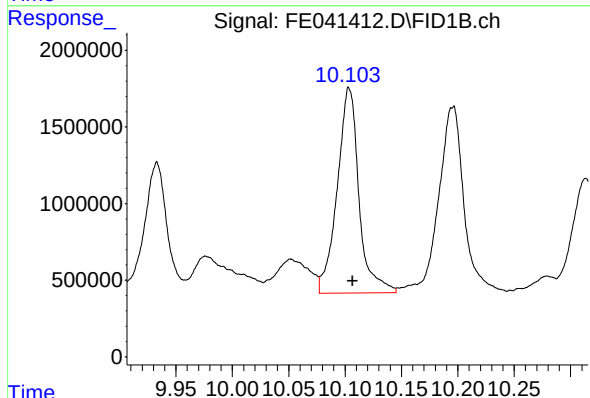
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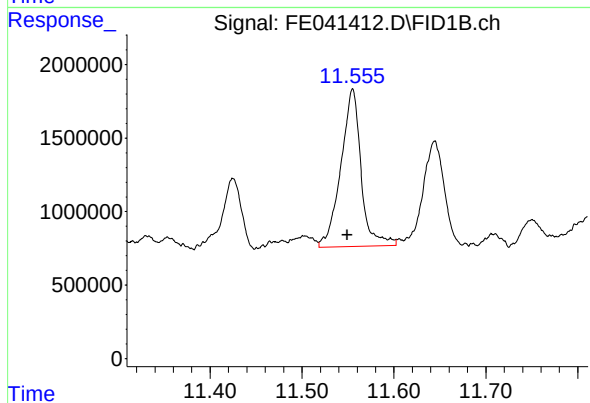
#6 n-Tetradecane (C14)

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 24927235
Conc: 142.96 ug/ml m



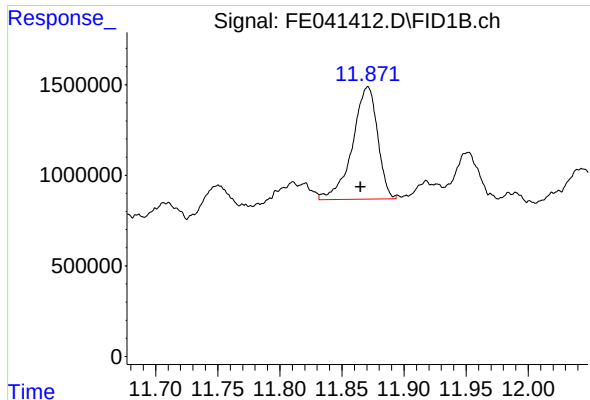
#7 n-Hexadecane (C16)

R.T.: 10.104 min
Delta R.T.: -0.003 min
Response: 18010782
Conc: 101.27 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.555 min
Delta R.T.: 0.005 min
Response: 16413154
Conc: 91.92 ug/ml m



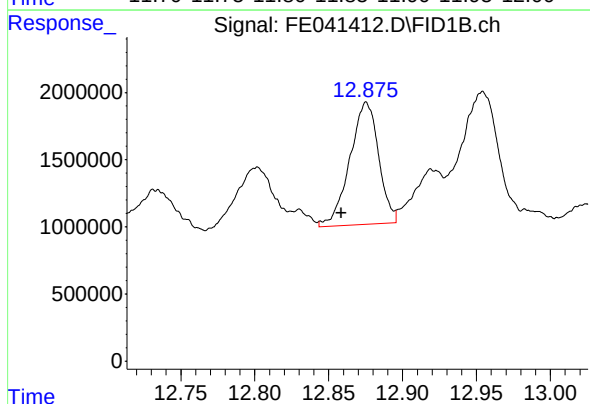
#9 ortho-Terphenyl (SURR)

R.T.: 11.871 min
Delta R.T.: 0.006 min
Response: 8711253
Conc: 46.35 ug/ml

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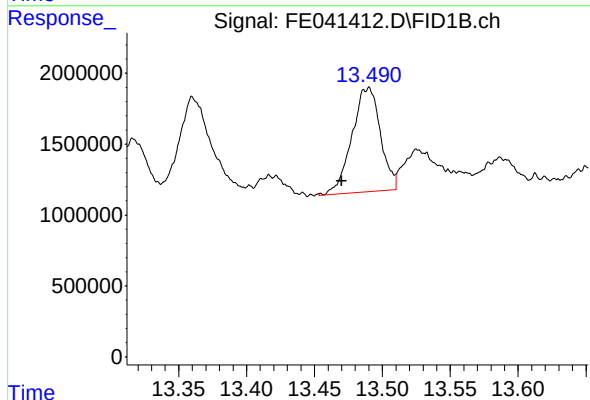
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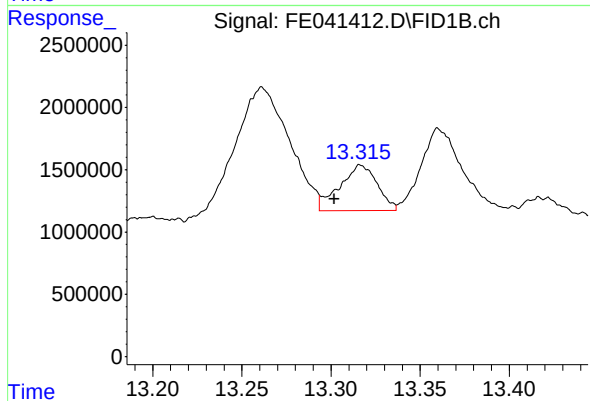
#10 n-Eicosane (C20)

R.T.: 12.875 min
Delta R.T.: 0.017 min
Response: 12334122
Conc: 72.31 ug/ml m



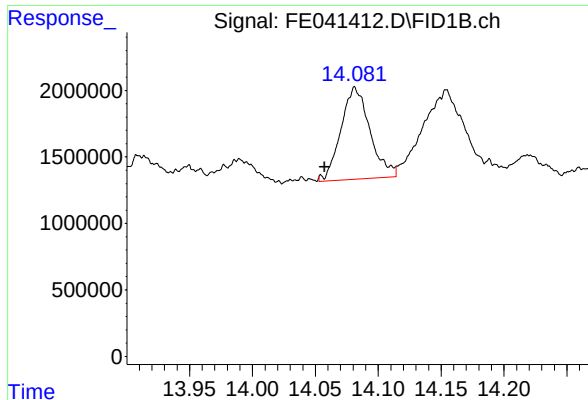
#11 n-Heneicosane (C21)

R.T.: 13.490 min
Delta R.T.: 0.020 min
Response: 10759059
Conc: 63.59 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min
Delta R.T.: 0.013 min
Response: 5353209
Conc: 37.21 ug/ml m



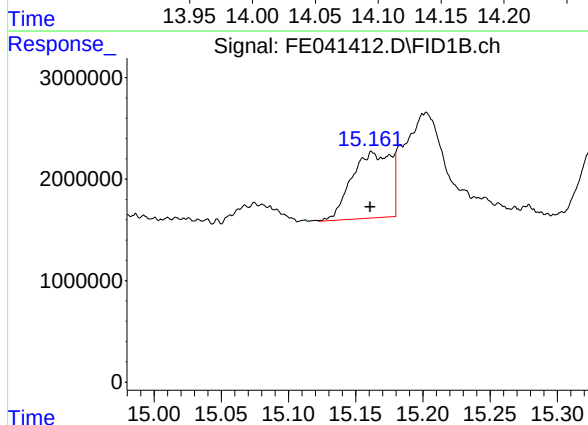
#13 n-Docosane (C22)

R.T.: 14.081 min
Delta R.T.: 0.024 min
Response: 11075847
Conc: 66.93 ug/ml

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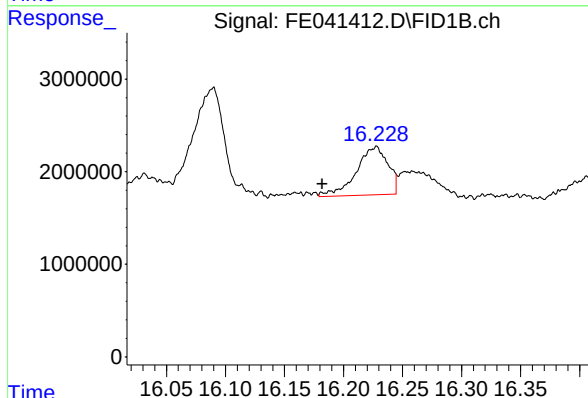
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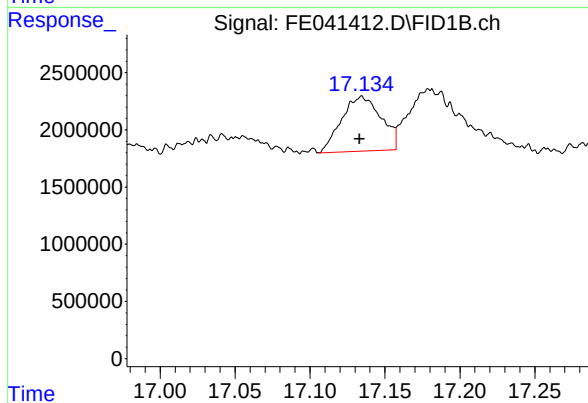
#14 n-Tetracosane (C24)

R.T.: 15.161 min
Delta R.T.: 0.000 min
Response: 13526595
Conc: 83.61 ug/ml m



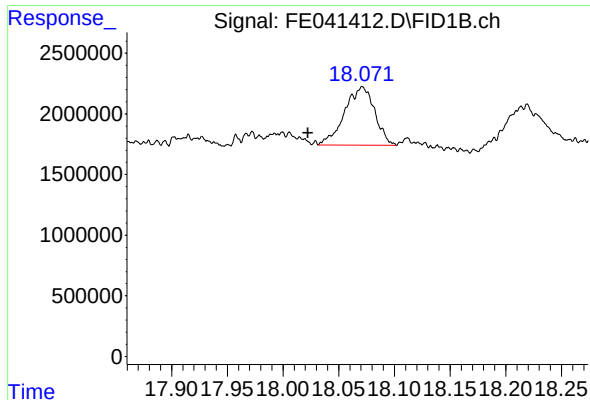
#15 n-Hexacosane (C26)

R.T.: 16.228 min
Delta R.T.: 0.046 min
Response: 9682574
Conc: 62.46 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: 0.001 min
Response: 8849741
Conc: 57.77 ug/ml m



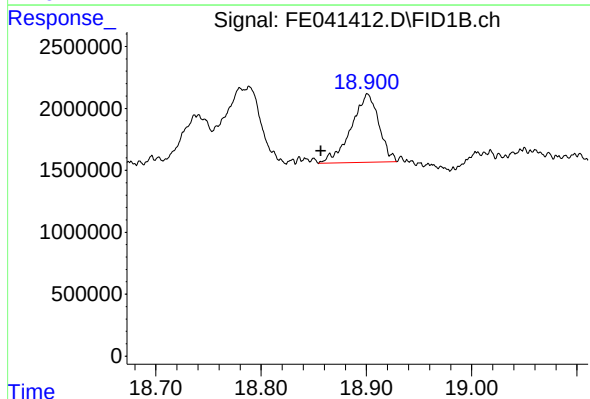
#17 n-Tricontane (C30)

R.T.: 18.071 min
Delta R.T.: 0.048 min
Response: 9046936
Conc: 59.19 ug/ml

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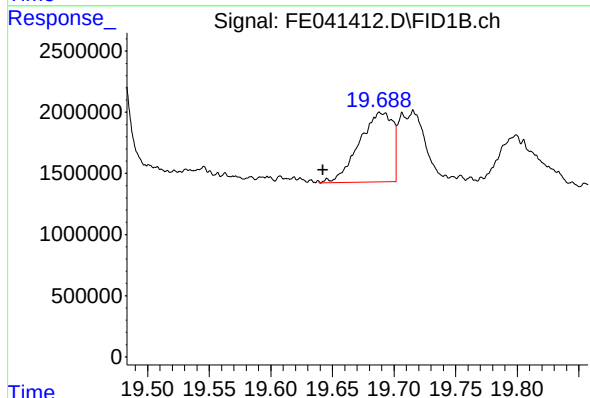
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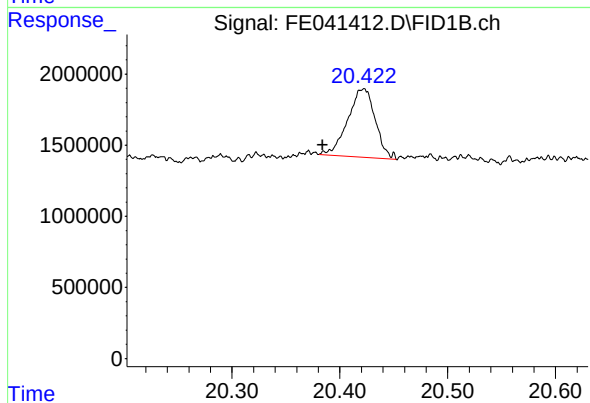
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: 0.043 min
Response: 10023095
Conc: 64.20 ug/ml m



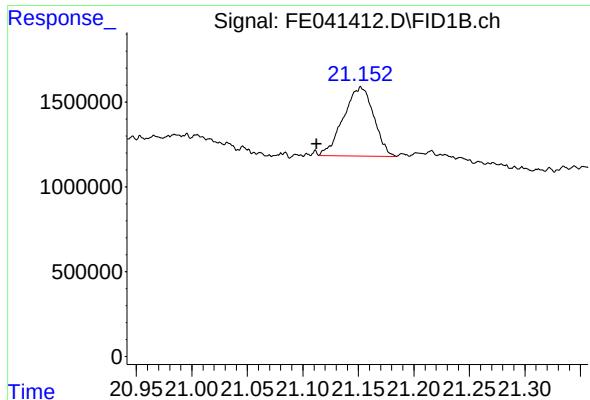
#19 n-Tetratriacontane (C34)

R.T.: 19.688 min
Delta R.T.: 0.045 min
Response: 10848664
Conc: 70.01 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.422 min
Delta R.T.: 0.038 min
Response: 8529286
Conc: 56.15 ug/ml m



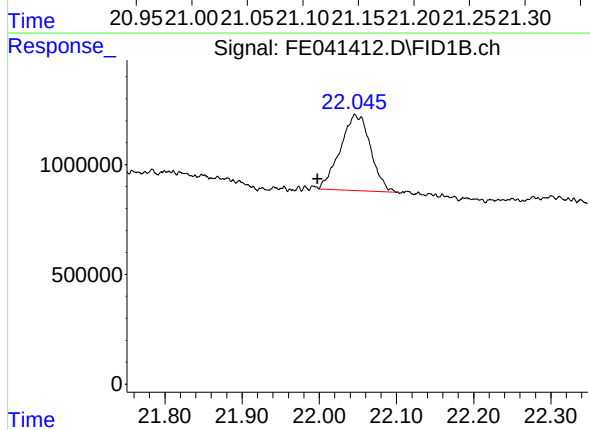
#21 n-Octatriacontane (C38)

R.T.: 21.152 min
Delta R.T.: 0.039 min
Response: 7680370
Conc: 49.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.045 min
Delta R.T.: 0.048 min
Response: 9383152
Conc: 58.79 ug/ml m