

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011122AL\
 Data File : FD040548.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jan 2022 18:32
 Operator : AJ\MA
 Sample : N1096-05MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SO-E8-01-6MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/12/2022
 Supervised By :Ankita Jodhani 01/13/2022

Integration File: sample.E
 Quant Time: Jan 12 00:32:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.625	5089604	33.009 ug/ml
Spiked Amount 50.000		Recovery =	66.02%
12) S 1-chlorooctadecane (S...	12.062	3632784	30.863 ug/ml
Spiked Amount 50.000		Recovery =	61.73%
Target Compounds			
1) T n-Nonane (C9)	2.602	8240072	64.184 ug/ml
2) T n-Decane (C10)	3.575	8652781	67.197 ug/ml
3) T A~Naphthalene (C11.7)	5.097	9910435	69.756 ug/ml
4) T n-Dodecane (C12)	5.532	8848888	69.232 ug/ml
5) T A~2-methylnaphthalene...	6.135	9554503	67.727 ug/ml
6) T n-Tetradecane (C14)	7.310	8957128	69.145 ug/ml
7) T n-Hexadecane (C16)	8.895	8918282	68.452 ug/ml
8) T n-Octadecane (C18)	10.327	8717384	64.334 ug/ml
10) T n-Eicosane (C20)	11.628	8769906	64.475 ug/ml
11) T n-Heneicosane (C21)	12.235	8106548	58.541 ug/ml
13) T n-Docosane (C22)	12.818	7995731	57.987 ug/ml
14) T n-Tetracosane (C24)	13.914	7870212	56.286 ug/ml
15) T n-Hexacosane (C26)	14.930	7555080	54.808 ug/ml
16) T n-Octacosane (C28)	15.872	7378535	54.380 ug/ml
17) T n-Tricontane (C30)	16.758	7265755	55.745 ug/ml
18) T n-Dotriacontane (C32)	17.583	6629028	55.452 ug/ml
19) T n-Tetratriacontane (C34)	18.362	5304527	50.379 ug/ml
20) T n-Hexatriacontane (C36)	19.096	3677929	36.296 ug/ml
21) T n-Octatriacontane (C38)	19.795	2832257	31.700 ug/mlm
22) T n-Tetracontane (C40)	20.593	2505957	29.316 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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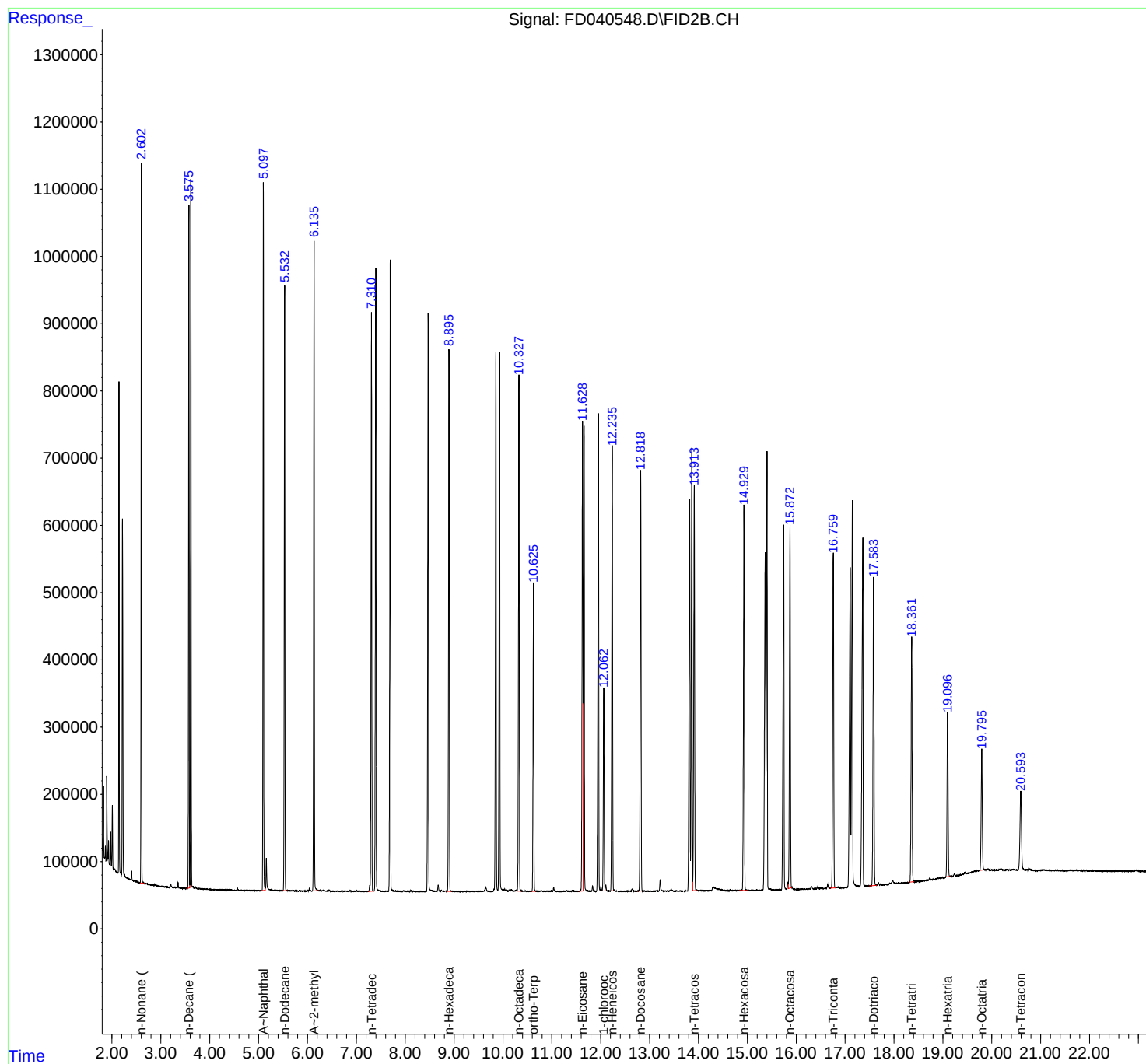
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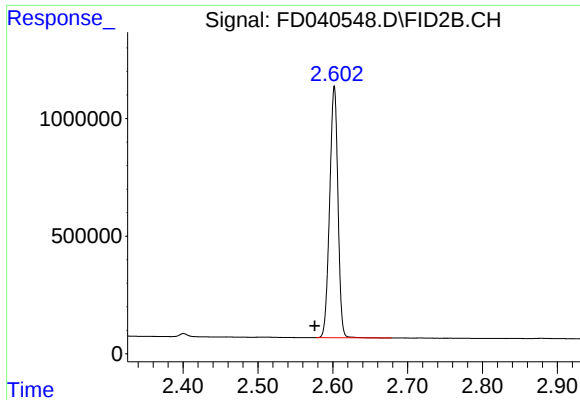
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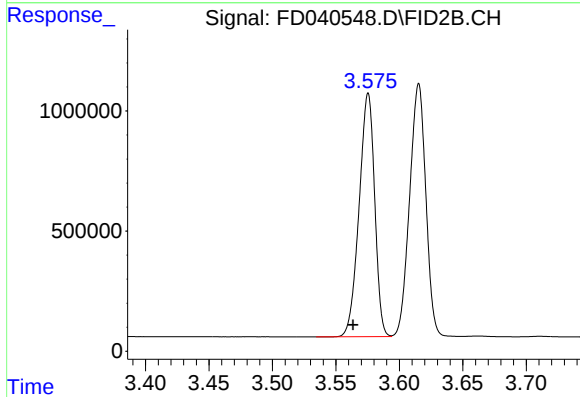
#1 n-Nonane (C9)

R.T.: 2.602 min
Delta R.T.: 0.026 min
Response: 8240072
Conc: 64.18 ug/ml

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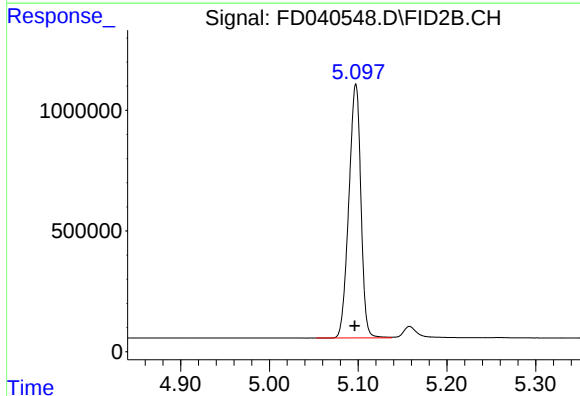
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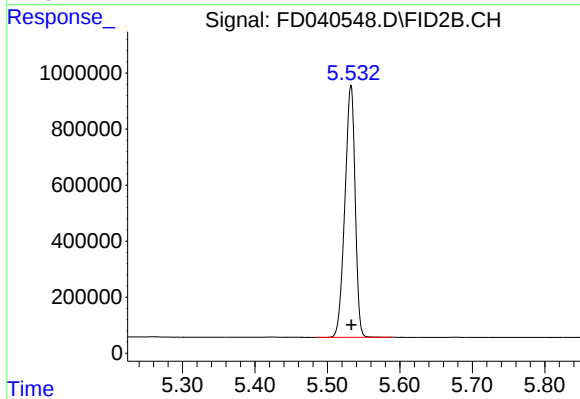
#2 n-Decane (C10)

R.T.: 3.575 min
Delta R.T.: 0.012 min
Response: 8652781
Conc: 67.20 ug/ml



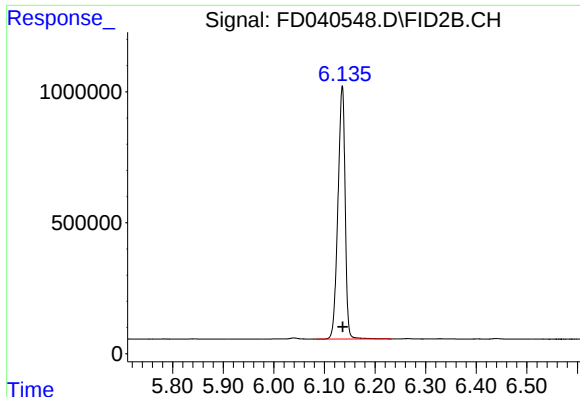
#3 A~Naphthalene (C11.7)

R.T.: 5.097 min
Delta R.T.: 0.001 min
Response: 9910435
Conc: 69.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 8848888
Conc: 69.23 ug/ml



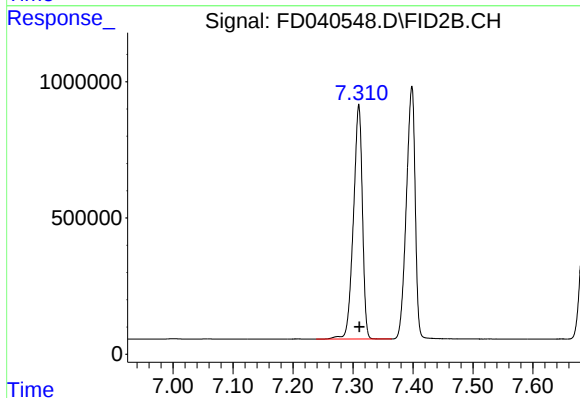
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 9554503
Conc: 67.73 ug/ml

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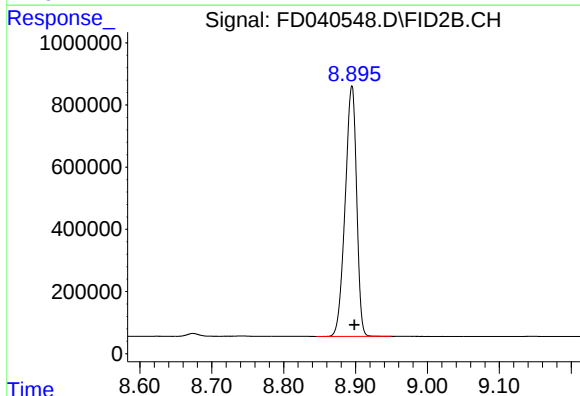
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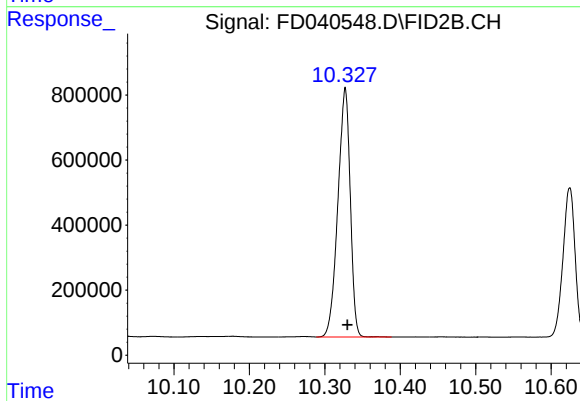
#6 n-Tetradecane (C14)

R.T.: 7.310 min
Delta R.T.: -0.001 min
Response: 8957128
Conc: 69.15 ug/ml



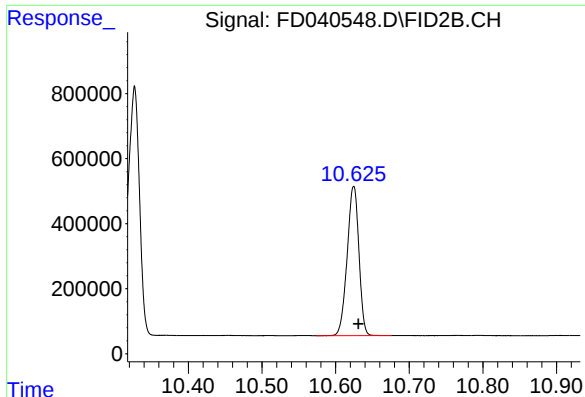
#7 n-Hexadecane (C16)

R.T.: 8.895 min
Delta R.T.: -0.003 min
Response: 8918282
Conc: 68.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.327 min
Delta R.T.: -0.003 min
Response: 8717384
Conc: 64.33 ug/ml



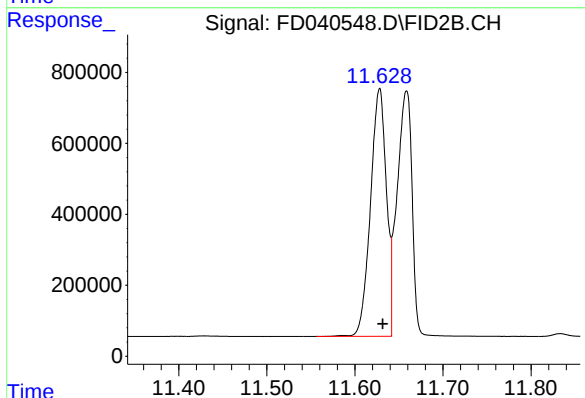
#9 ortho-Terphenyl (SURR)

R.T.: 10.625 min
Delta R.T.: -0.006 min
Response: 5089604
Conc: 33.01 ug/ml

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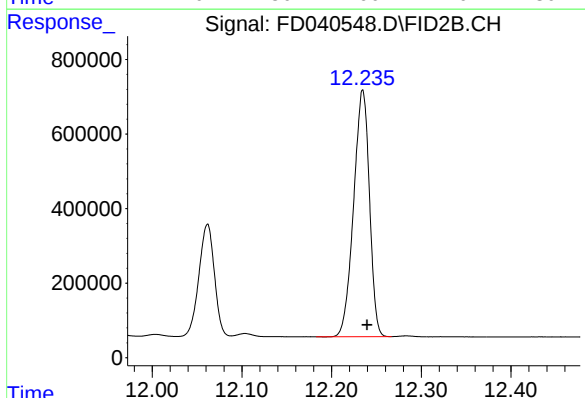
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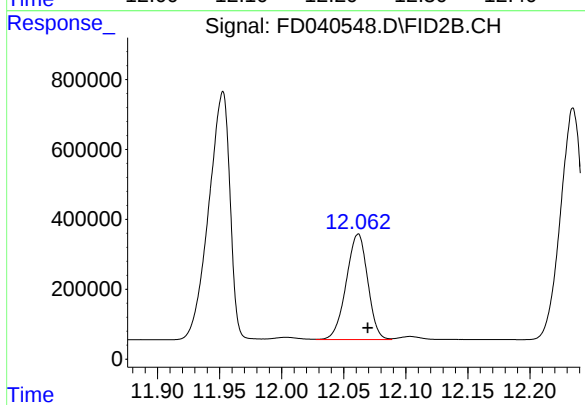
#10 n-Eicosane (C20)

R.T.: 11.628 min
Delta R.T.: -0.003 min
Response: 8769906
Conc: 64.48 ug/ml



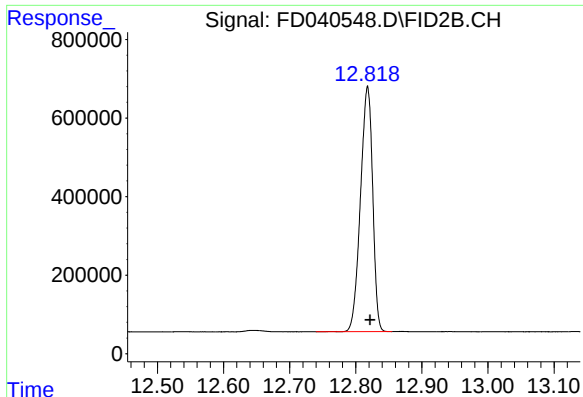
#11 n-Heneicosane (C21)

R.T.: 12.235 min
Delta R.T.: -0.005 min
Response: 8106548
Conc: 58.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.062 min
Delta R.T.: -0.008 min
Response: 3632784
Conc: 30.86 ug/ml



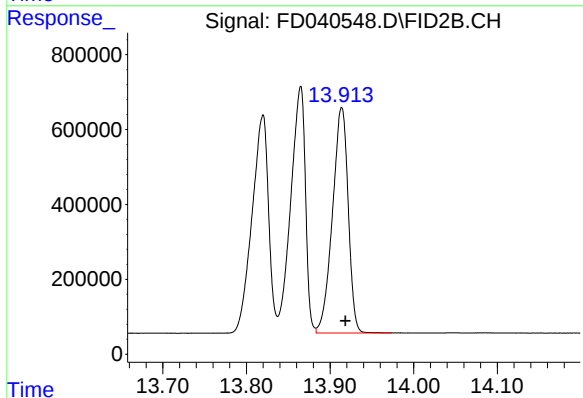
#13 n-Docosane (C22)

R.T.: 12.818 min
Delta R.T.: -0.004 min
Response: 7995731
Conc: 57.99 ug/ml

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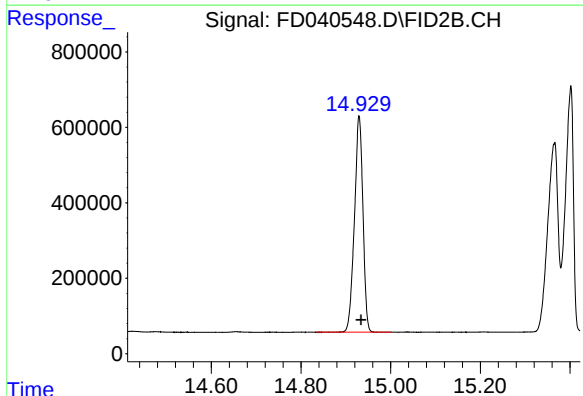
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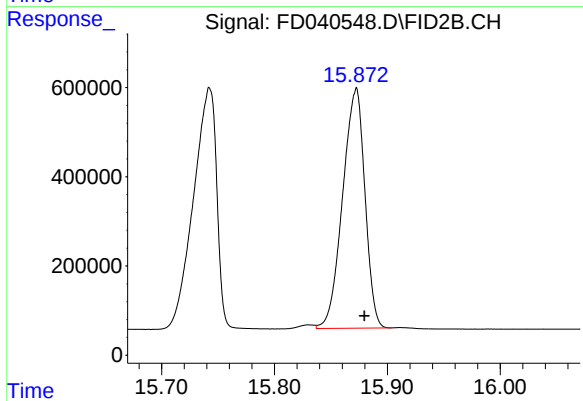
#14 n-Tetracosane (C24)

R.T.: 13.914 min
Delta R.T.: -0.005 min
Response: 7870212
Conc: 56.29 ug/ml



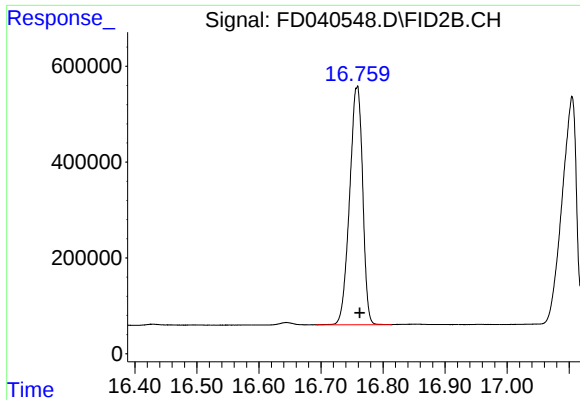
#15 n-Hexacosane (C26)

R.T.: 14.930 min
Delta R.T.: -0.004 min
Response: 7555080
Conc: 54.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.872 min
Delta R.T.: -0.007 min
Response: 7378535
Conc: 54.38 ug/ml



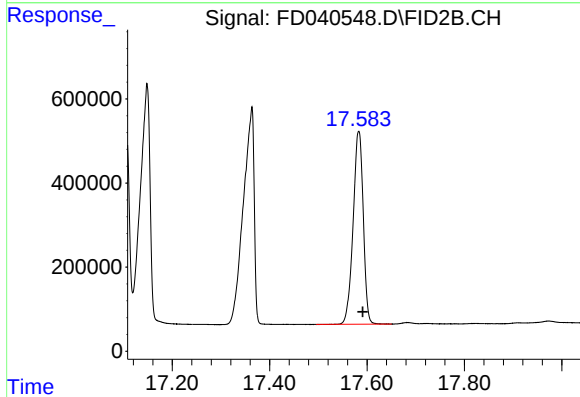
#17 n-Tricontane (C30)

R.T.: 16.758 min
Delta R.T.: -0.004 min
Response: 7265755
Conc: 55.75 ug/ml

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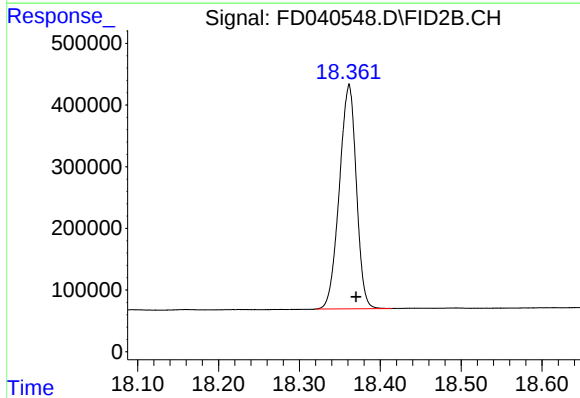
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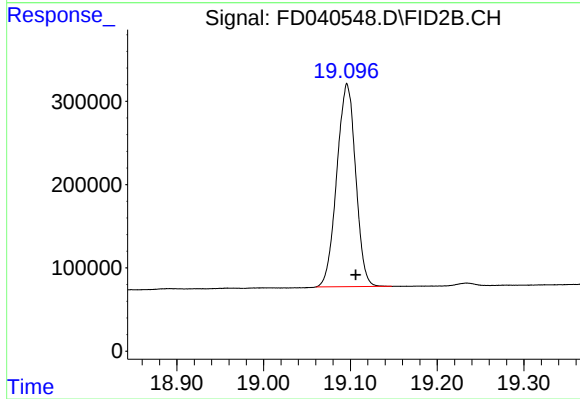
#18 n-Dotriacontane (C32)

R.T.: 17.583 min
Delta R.T.: -0.008 min
Response: 6629028
Conc: 55.45 ug/ml



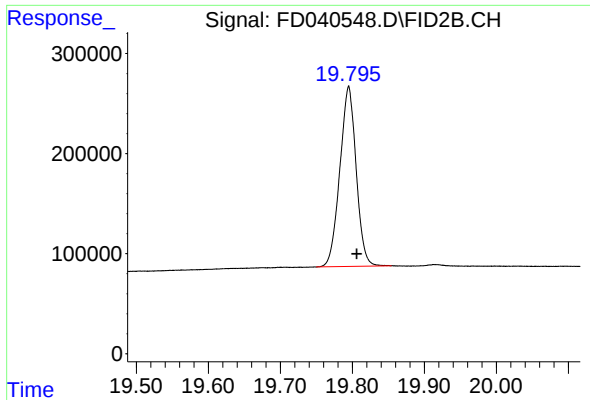
#19 n-Tetratriacontane (C34)

R.T.: 18.362 min
Delta R.T.: -0.009 min
Response: 5304527
Conc: 50.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.096 min
Delta R.T.: -0.010 min
Response: 3677929
Conc: 36.30 ug/ml



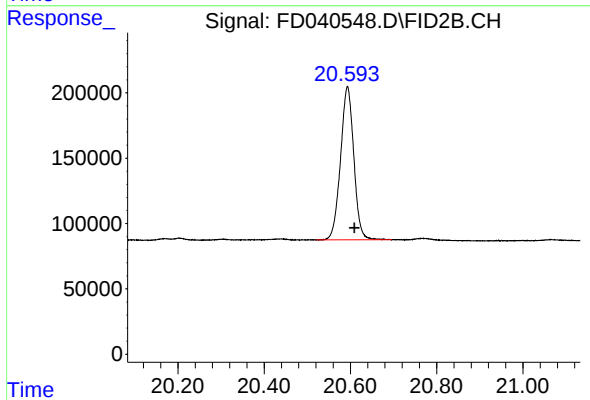
#21 n-Octatriacontane (C38)

R.T.: 19.795 min
Delta R.T.: -0.011 min
Response: 2832257
Conc: 31.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.593 min
Delta R.T.: -0.016 min
Response: 2505957
Conc: 29.32 ug/ml