

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052222AL\
 Data File : FD042607.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2022 16:35
 Operator : UA/NP
 Sample : PB144996BS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144996BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/23/2022
 Supervised By :Ankita Jodhani 05/23/2022

Integration File: autoint1.e
 Quant Time: May 23 01:28:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051922.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 05:18:51 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)	11.208	7940756	47.387 ug/ml
Spiked Amount 50.000		Recovery =	94.77%
12) S 1-chlorooctadecane (S...	12.646	6454579	50.059 ug/ml
Spiked Amount 50.000		Recovery =	100.12%
Target Compounds			
1) T n-Nonane (C9)	3.089	5216363	34.349 ug/ml
2) T n-Decane (C10)	4.128	5399517	35.890 ug/ml
3) T A~Naphthalene (C11.7)	5.674	6420747	41.682 ug/ml
4) T n-Dodecane (C12)	6.117	6031384	38.384 ug/ml
5) T A~2-methylnaphthalene...	6.719	6612733	42.973 ug/ml
6) T n-Tetradecane (C14)	7.894	6706467	42.561 ug/ml
7) T n-Hexadecane (C16)	9.479	7266617	46.008 ug/ml
8) T n-Octadecane (C18)	10.910	7758140	49.188 ug/ml
10) T n-Eicosane (C20)	12.209	7413259	48.127 ug/ml
11) T n-Heneicosane (C21)	12.817	7291407	47.687 ug/ml
13) T n-Docosane (C22)	13.399	7148922	47.743 ug/ml
14) T n-Tetracosane (C24)	14.493	7554089	52.371 ug/ml
15) T n-Hexacosane (C26)	15.509	6677403	47.680 ug/ml
16) T n-Octacosane (C28)	16.452	6610293	48.491 ug/ml
17) T n-Tricontane (C30)	17.336	6357938	47.755 ug/ml
18) T n-Dotriacontane (C32)	18.162	6264424	49.231 ug/ml
19) T n-Tetratriacontane (C34)	18.940	5960966	49.390 ug/mlm
20) T n-Hexatriacontane (C36)	19.677	5554256	49.044 ug/ml
21) T n-Octatriacontane (C38)	20.373	5295698	49.040 ug/ml
22) T n-Tetracontane (C40)	21.147	4928632	46.202 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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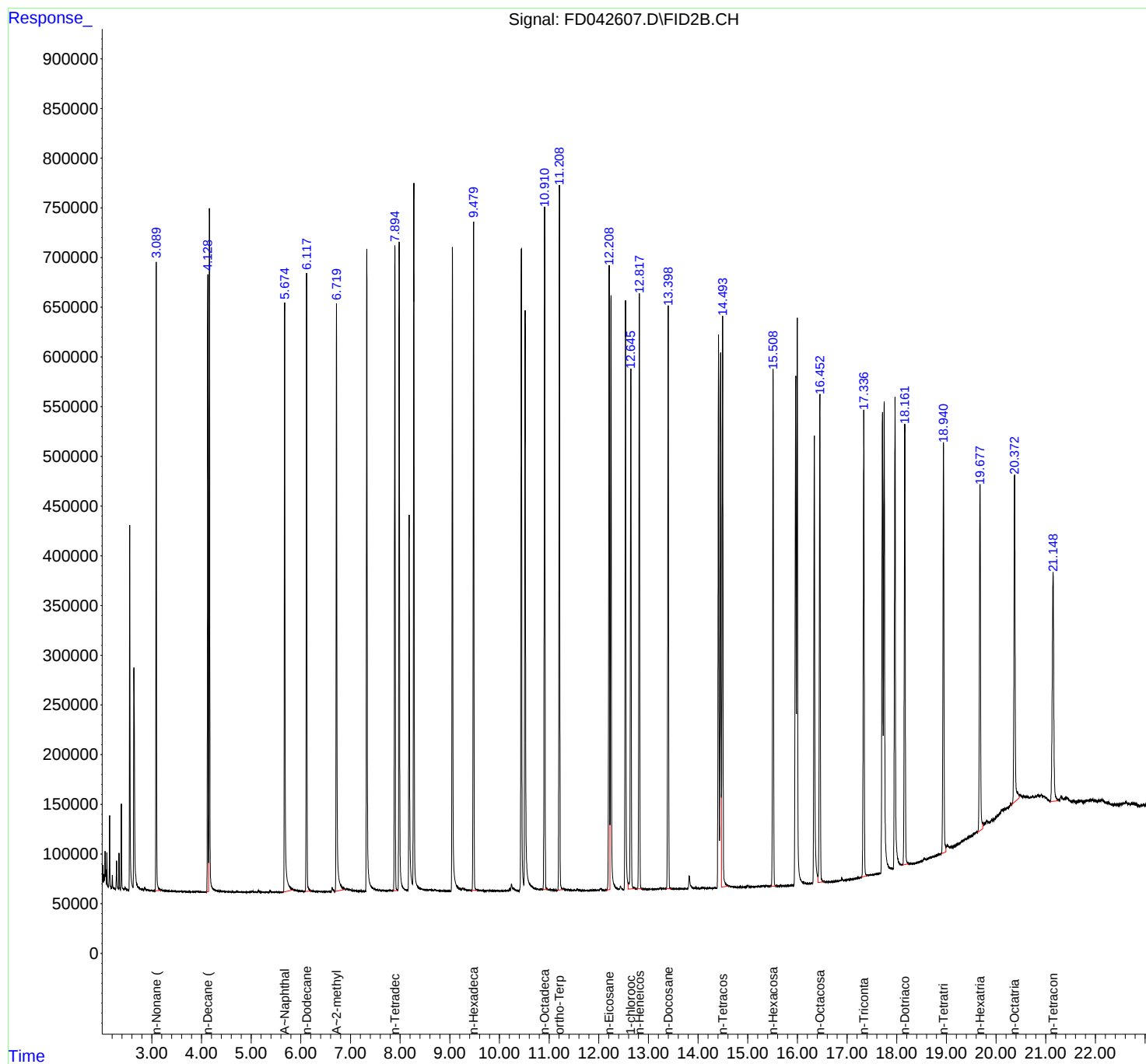
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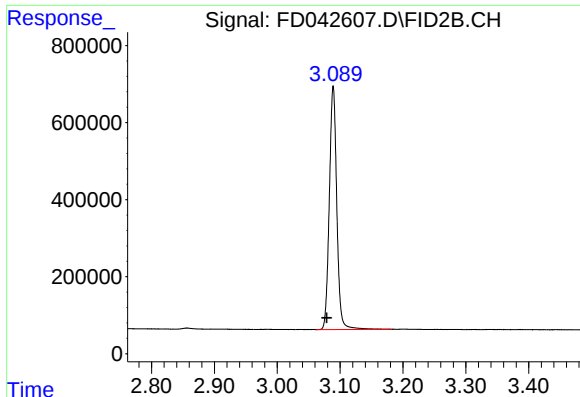
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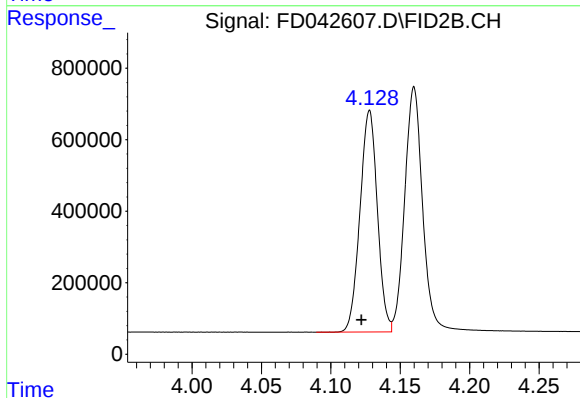
#1 n-Nonane (C9)

R.T.: 3.089 min
Delta R.T.: 0.010 min
Response: 5216363
Conc: 34.35 ug/ml

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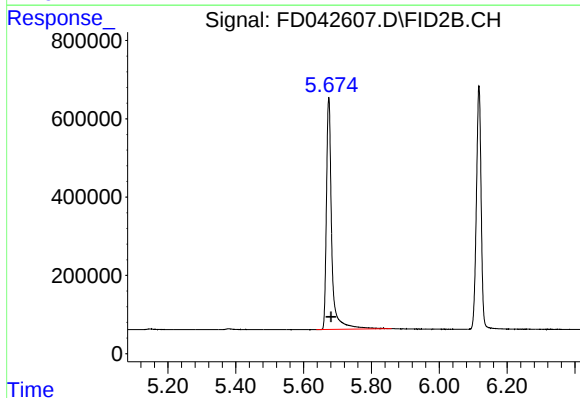
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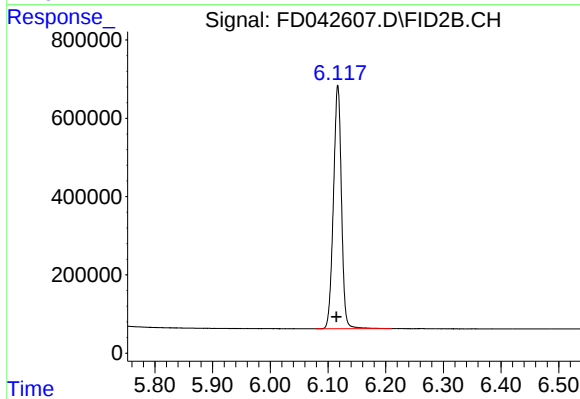
#2 n-Decane (C10)

R.T.: 4.128 min
Delta R.T.: 0.006 min
Response: 5399517
Conc: 35.89 ug/ml



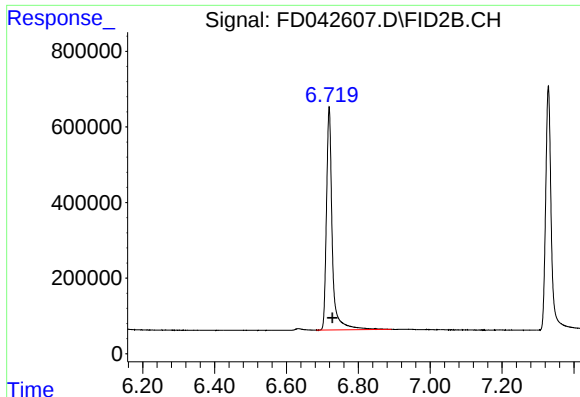
#3 A~Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: -0.006 min
Response: 6420747
Conc: 41.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.117 min
Delta R.T.: 0.003 min
Response: 6031384
Conc: 38.38 ug/ml



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

R.T.: 6.719 min
Delta R.T.: -0.009 min
Response: 6612733
Conc: 42.97 ug/ml

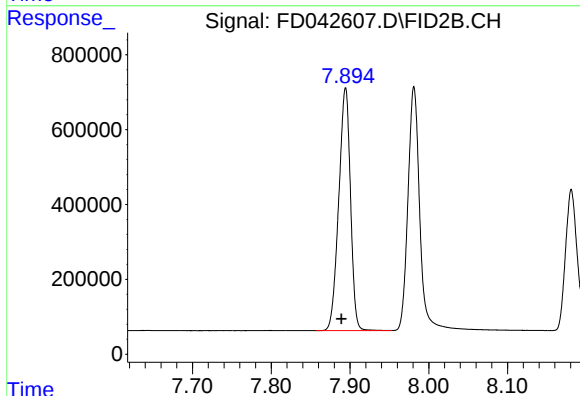
Instrument :

FID_D

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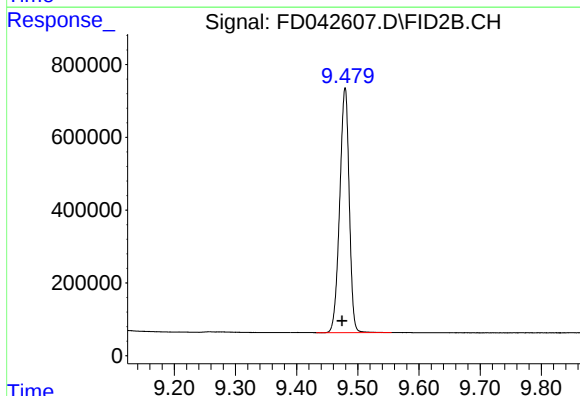
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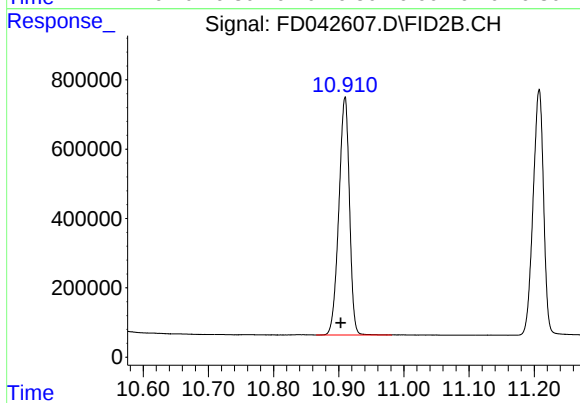
#6 n-Tetradecane (C14)

R.T.: 7.894 min
Delta R.T.: 0.005 min
Response: 6706467
Conc: 42.56 ug/ml



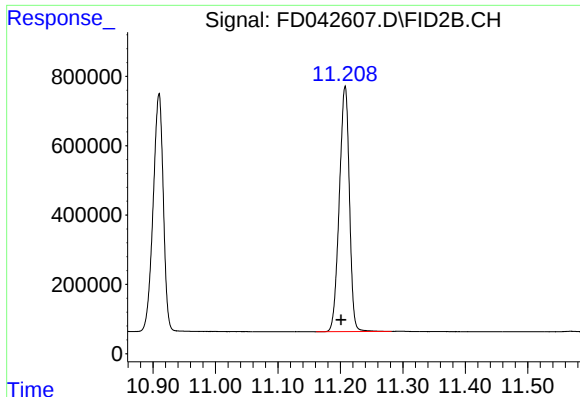
#7 n-Hexadecane (C16)

R.T.: 9.479 min
Delta R.T.: 0.005 min
Response: 7266617
Conc: 46.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.910 min
Delta R.T.: 0.007 min
Response: 7758140
Conc: 49.19 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: 0.007 min
Response: 7940756
Conc: 47.39 ug/ml

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FID_D

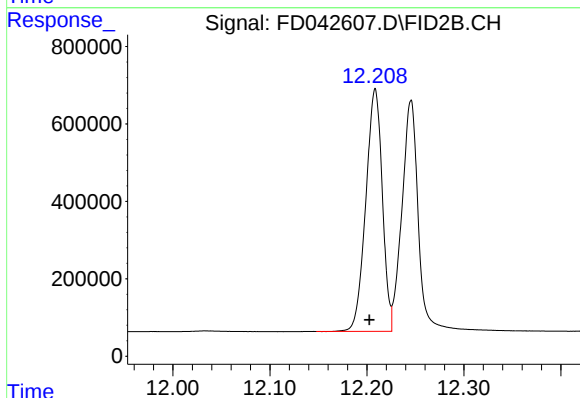
ClientSampleId :

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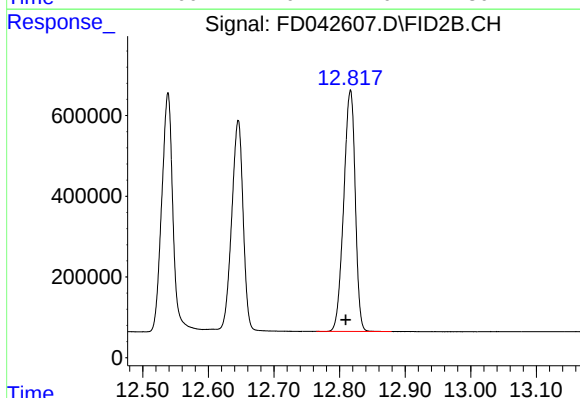
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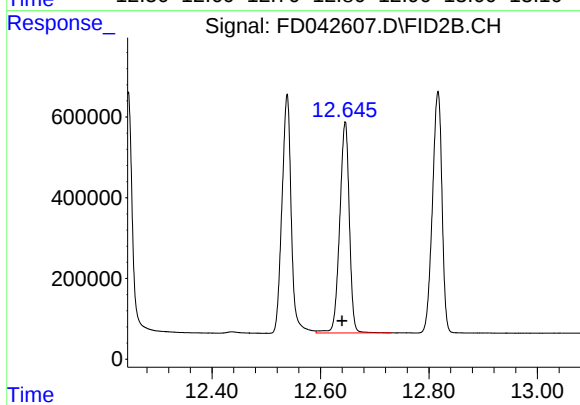
#10 n-Eicosane (C20)

R.T.: 12.209 min
Delta R.T.: 0.006 min
Response: 7413259
Conc: 48.13 ug/ml



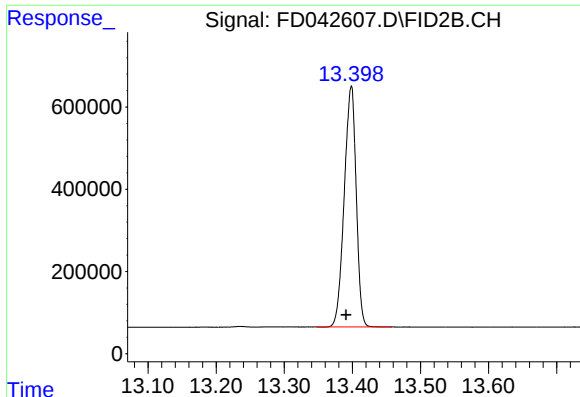
#11 n-Heneicosane (C21)

R.T.: 12.817 min
Delta R.T.: 0.007 min
Response: 7291407
Conc: 47.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.646 min
Delta R.T.: 0.006 min
Response: 6454579
Conc: 50.06 ug/ml



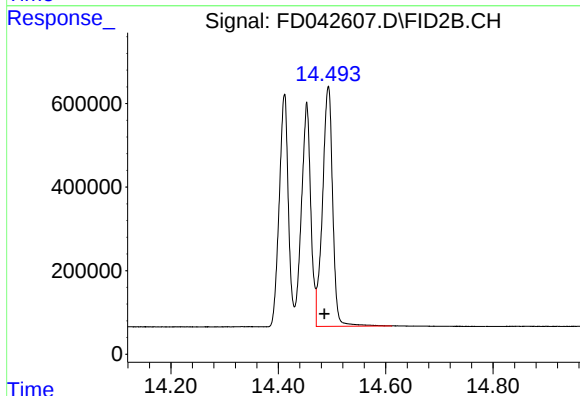
#13 n-Docosane (C22)

R.T.: 13.399 min
Delta R.T.: 0.007 min
Response: 7148922
Conc: 47.74 ug/ml

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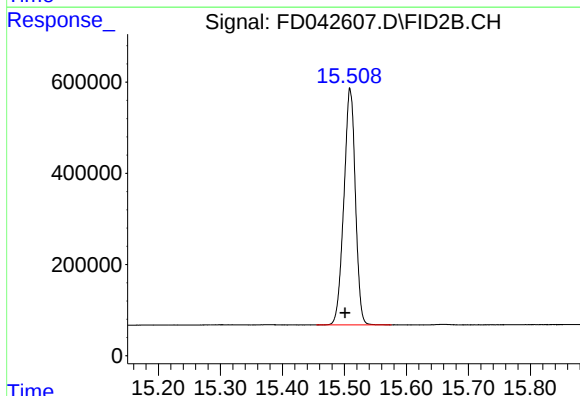
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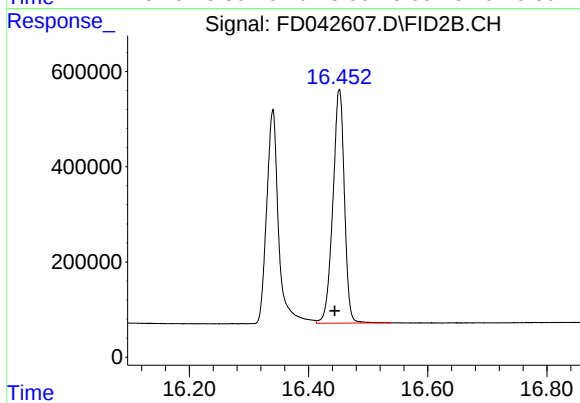
#14 n-Tetracosane (C24)

R.T.: 14.493 min
Delta R.T.: 0.007 min
Response: 7554089
Conc: 52.37 ug/ml



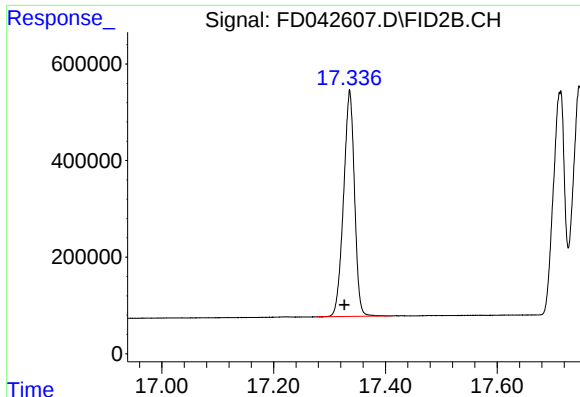
#15 n-Hexacosane (C26)

R.T.: 15.509 min
Delta R.T.: 0.008 min
Response: 6677403
Conc: 47.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.452 min
Delta R.T.: 0.007 min
Response: 6610293
Conc: 48.49 ug/ml



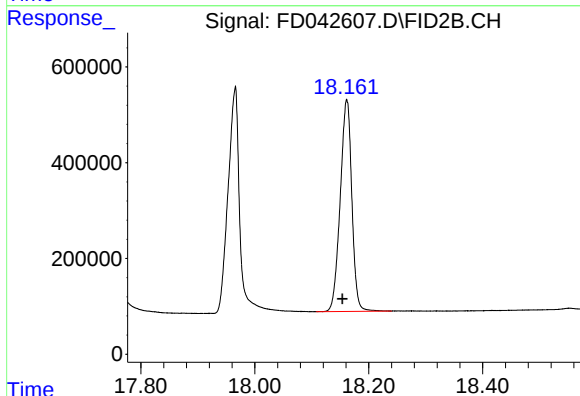
#17 n-Tricontane (C30)

R.T.: 17.336 min
Delta R.T.: 0.010 min
Response: 6357938
Conc: 47.76 ug/ml

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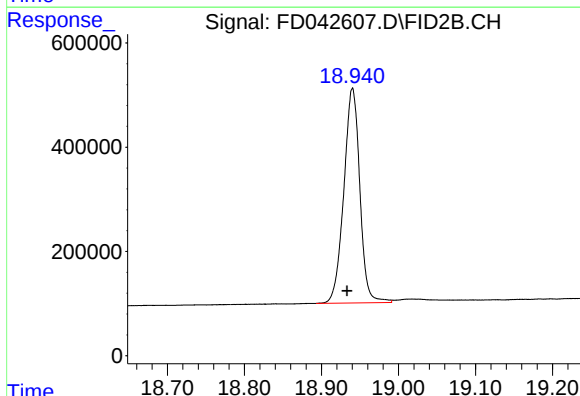
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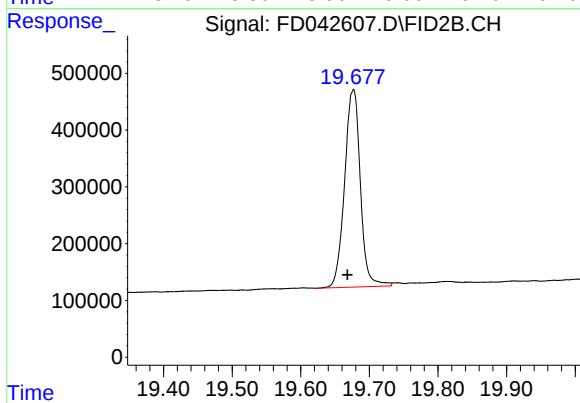
#18 n-Dotriacontane (C32)

R.T.: 18.162 min
Delta R.T.: 0.007 min
Response: 6264424
Conc: 49.23 ug/ml



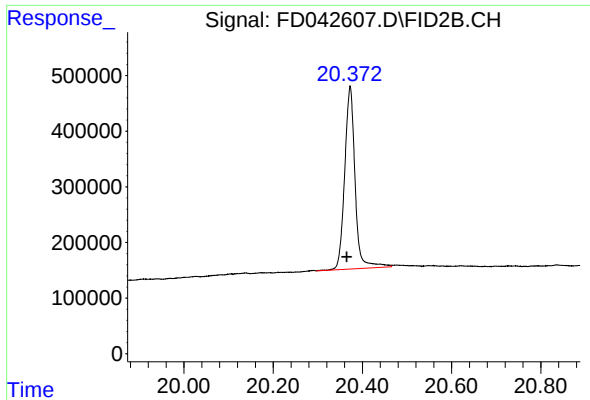
#19 n-Tetratriacontane (C34)

R.T.: 18.940 min
Delta R.T.: 0.007 min
Response: 5960966
Conc: 49.39 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.677 min
Delta R.T.: 0.009 min
Response: 5554256
Conc: 49.04 ug/ml



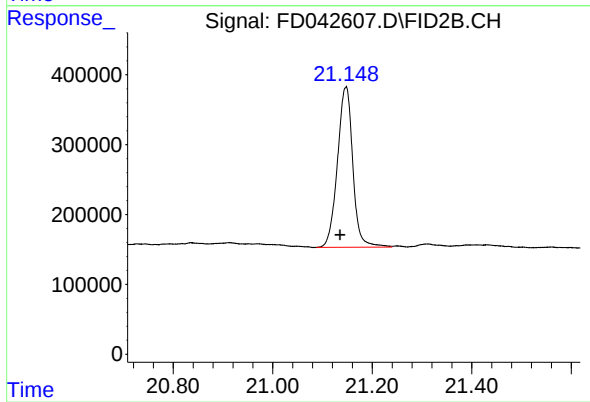
#21 n-Octatriacontane (C38)

R.T.: 20.373 min
Delta R.T.: 0.008 min
Response: 5295698
Conc: 49.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.147 min
Delta R.T.: 0.012 min
Response: 4928632
Conc: 46.20 ug/ml