

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041922AL\
 Data File : FD042004.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2022 22:22
 Operator : UA/NP
 Sample : N2447-07MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/20/2022
 Supervised By :mohammad ahmed 04/20/2022

Integration File: sample.E
 Quant Time: Apr 20 01:36:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 23 05:05:55 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)	11.215	6144315	34.648 ug/ml
Spiked Amount 50.000		Recovery =	69.30%
12) S 1-chlorooctadecane (S...	12.654	4565143	32.968 ug/ml
Spiked Amount 50.000		Recovery =	65.94%
Target Compounds			
1) T n-Nonane (C9)	3.105	7329779	49.828 ug/ml
2) T n-Decane (C10)	4.139	7798769	53.408 ug/ml
3) T A~Naphthalene (C11.7)	5.681	8624093	55.210 ug/ml
4) T n-Dodecane (C12)	6.125	7873861	52.272 ug/ml
5) T A~2-methylnaphthalene...	6.725	8231536	52.918 ug/ml
6) T n-Tetradecane (C14)	7.902	7807450	51.256 ug/ml
7) T n-Hexadecane (C16)	9.488	7704565	49.968 ug/ml
8) T n-Octadecane (C18)	10.919	7708731	48.928 ug/ml
10) T n-Eicosane (C20)	12.220	7301280	46.154 ug/ml
11) T n-Heneicosane (C21)	12.825	7073878	44.174 ug/ml
13) T n-Docosane (C22)	13.408	6931160	43.155 ug/ml
14) T n-Tetracosane (C24)	14.503	7160266	44.296 ug/ml
15) T n-Hexacosane (C26)	15.520	6552750	40.571 ug/ml
16) T n-Octacosane (C28)	16.462	6492171	40.331 ug/ml
17) T n-Tricontane (C30)	17.346	6209834	39.405 ug/mlm
18) T n-Dotriacontane (C32)	18.173	6540839	44.078 ug/ml
19) T n-Tetratriacontane (C34)	18.950	6148639	45.890 ug/mlm
20) T n-Hexatriacontane (C36)	19.687	5886521	49.160 ug/ml
21) T n-Octatriacontane (C38)	20.384	6701474	60.548 ug/mlm
22) T n-Tetracontane (C40)	21.158	5666912	52.635 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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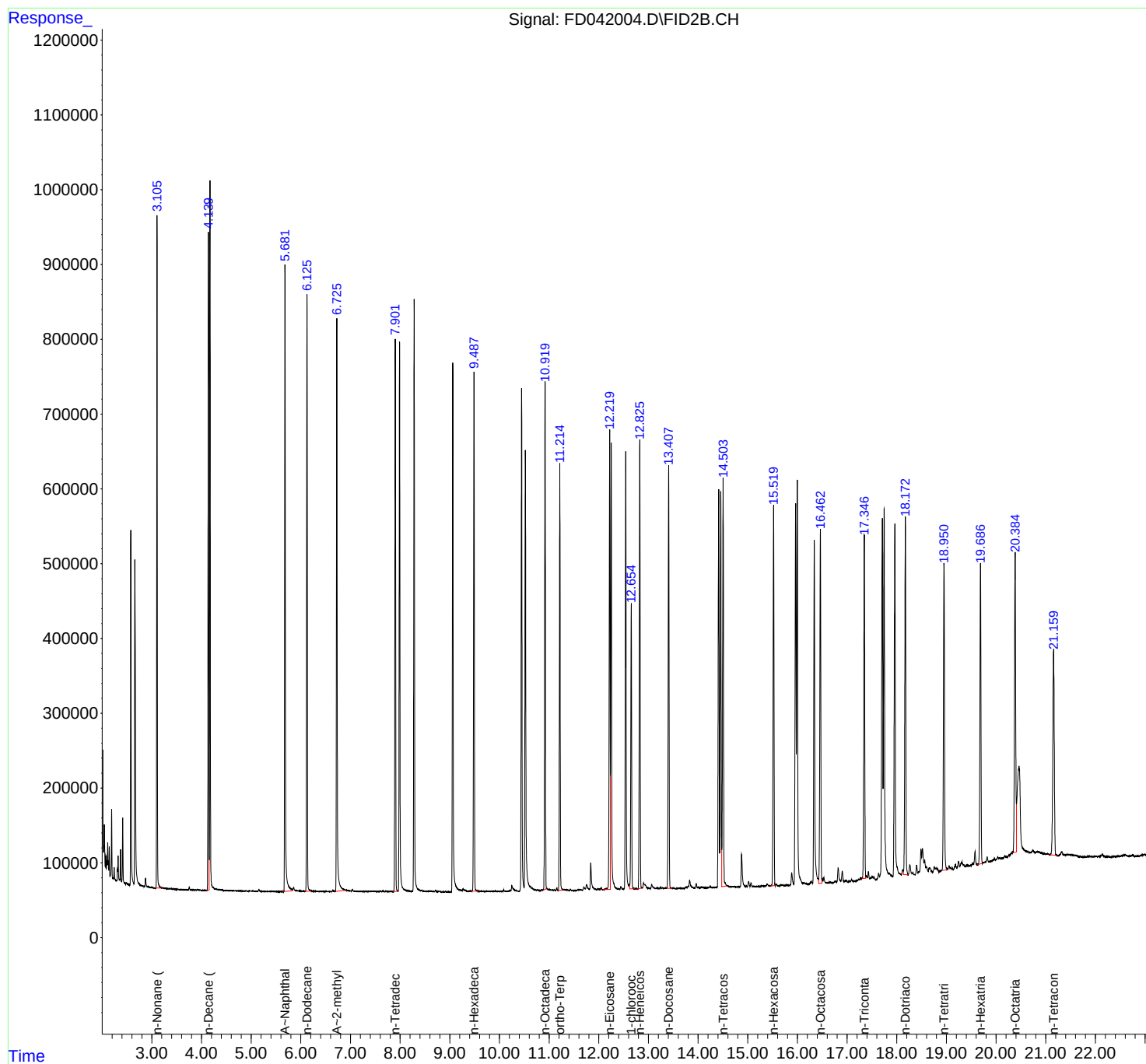
Instrument :
FID_D
ClientSampleId :
5MS

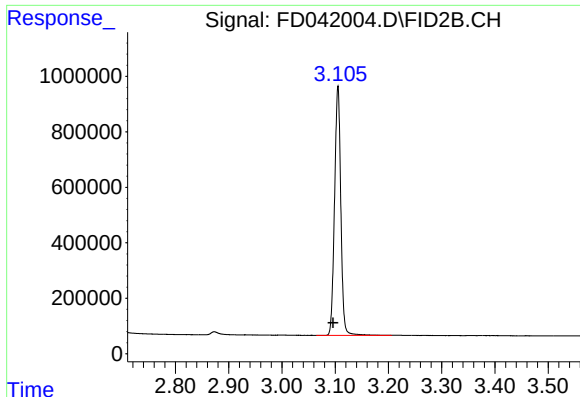
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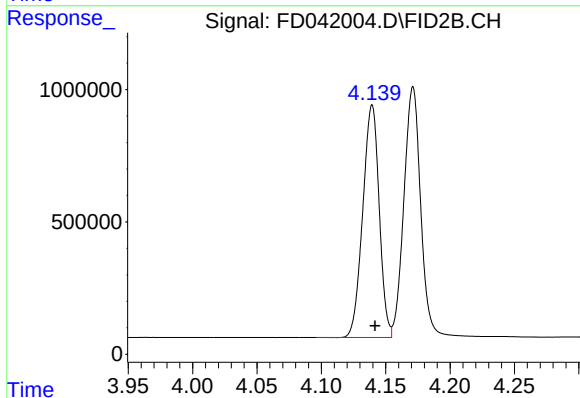
#1 n-Nonane (C9)

R.T.: 3.105 min
Delta R.T.: 0.009 min
Response: 7329779
Conc: 49.83 ug/ml

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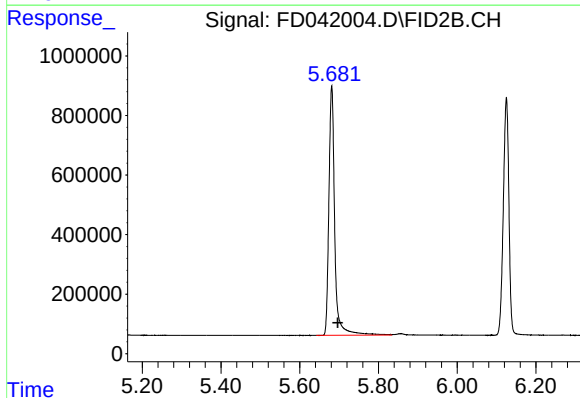
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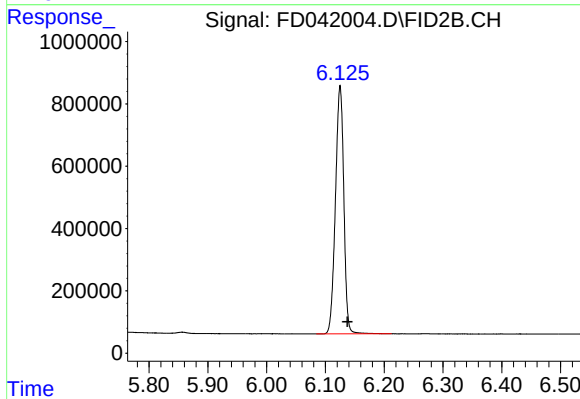
#2 n-Decane (C10)

R.T.: 4.139 min
Delta R.T.: -0.002 min
Response: 7798769
Conc: 53.41 ug/ml



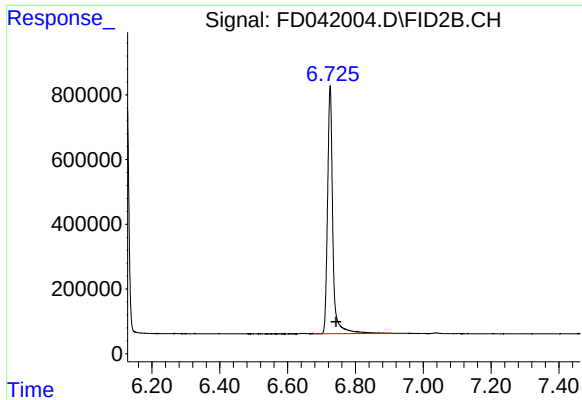
#3 A~Naphthalene (C11.7)

R.T.: 5.681 min
Delta R.T.: -0.015 min
Response: 8624093
Conc: 55.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.125 min
Delta R.T.: -0.012 min
Response: 7873861
Conc: 52.27 ug/ml



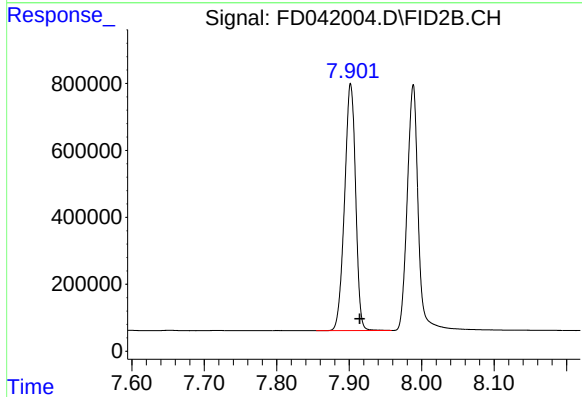
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.725 min
Delta R.T.: -0.018 min
Response: 8231536
Conc: 52.92 ug/ml

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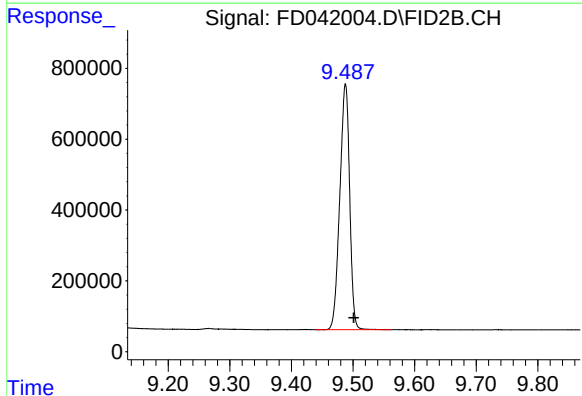
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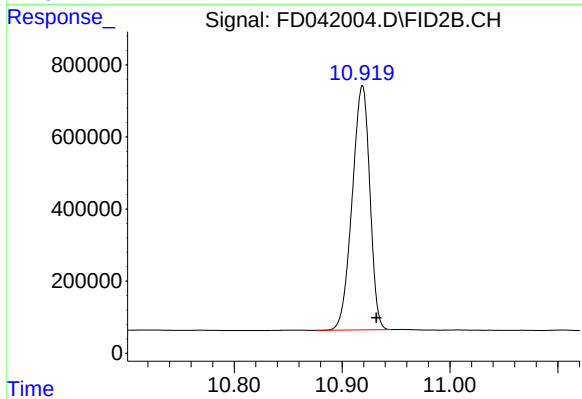
#6 n-Tetradecane (C14)

R.T.: 7.902 min
Delta R.T.: -0.012 min
Response: 7807450
Conc: 51.26 ug/ml



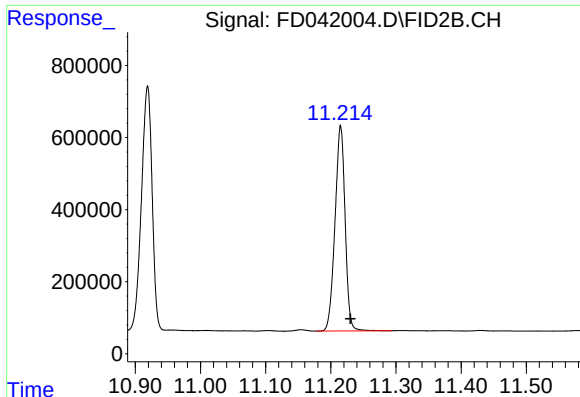
#7 n-Hexadecane (C16)

R.T.: 9.488 min
Delta R.T.: -0.014 min
Response: 7704565
Conc: 49.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.919 min
Delta R.T.: -0.013 min
Response: 7708731
Conc: 48.93 ug/ml



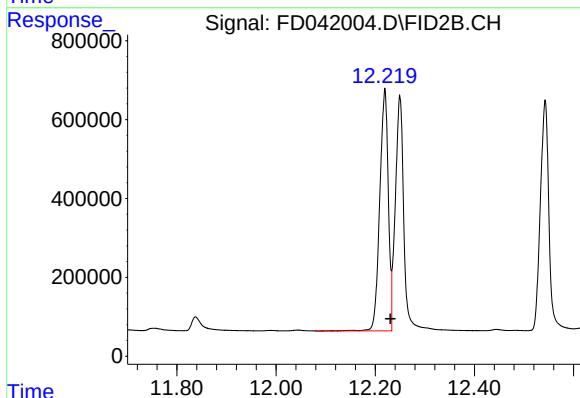
#9 ortho-Terphenyl (SURR)

R.T.: 11.215 min
Delta R.T.: -0.015 min
Response: 6144315
Conc: 34.65 ug/ml

Instrument :
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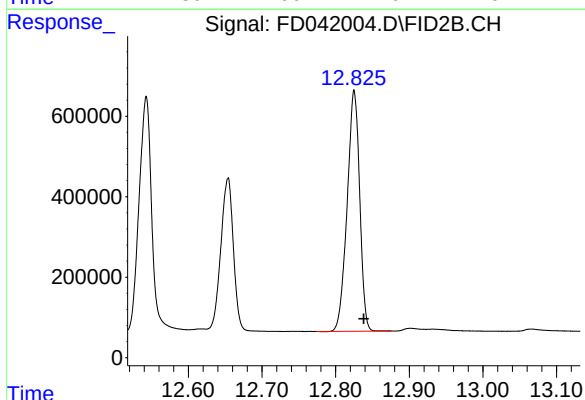
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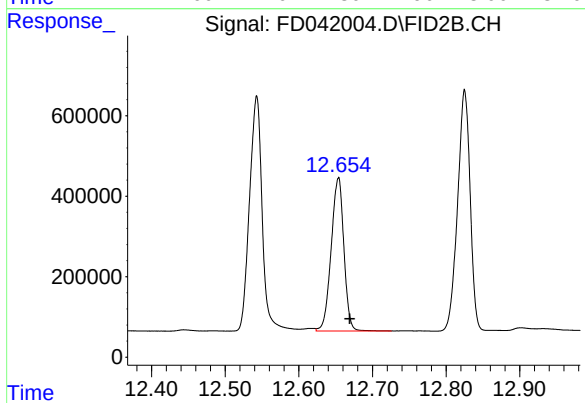
#10 n-Eicosane (C20)

R.T.: 12.220 min
Delta R.T.: -0.011 min
Response: 7301280
Conc: 46.15 ug/ml



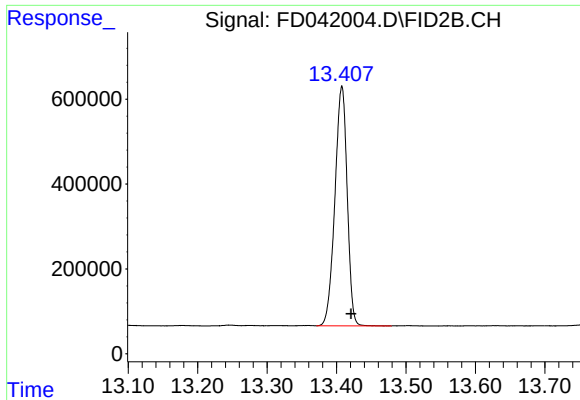
#11 n-Heneicosane (C21)

R.T.: 12.825 min
Delta R.T.: -0.013 min
Response: 7073878
Conc: 44.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.654 min
Delta R.T.: -0.015 min
Response: 4565143
Conc: 32.97 ug/ml



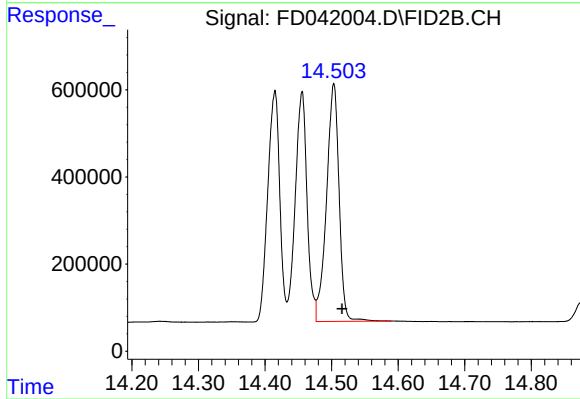
#13 n-Docosane (C22)

R.T.: 13.408 min
Delta R.T.: -0.013 min
Response: 6931160
Conc: 43.16 ug/ml

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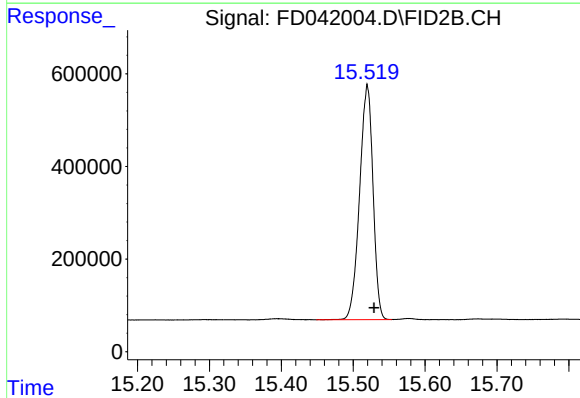
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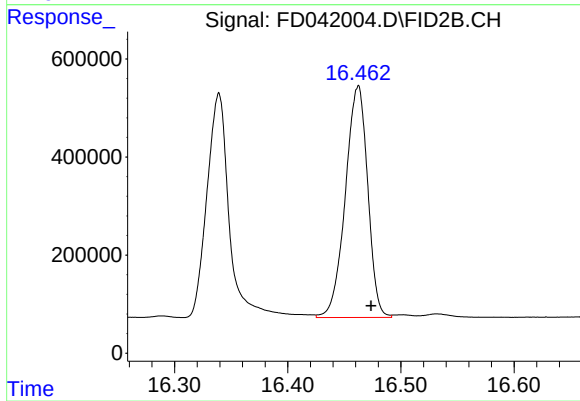
#14 n-Tetracosane (C24)

R.T.: 14.503 min
Delta R.T.: -0.012 min
Response: 7160266
Conc: 44.30 ug/ml



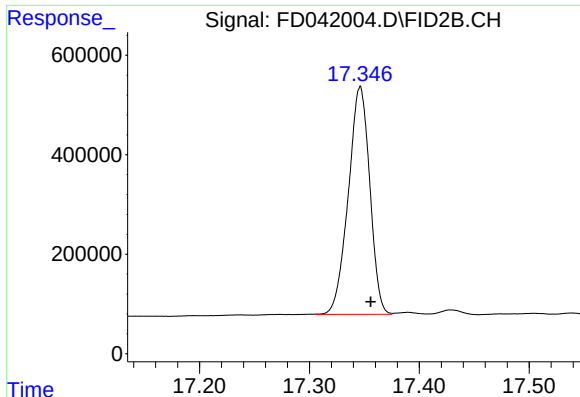
#15 n-Hexacosane (C26)

R.T.: 15.520 min
Delta R.T.: -0.010 min
Response: 6552750
Conc: 40.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.462 min
Delta R.T.: -0.011 min
Response: 6492171
Conc: 40.33 ug/ml



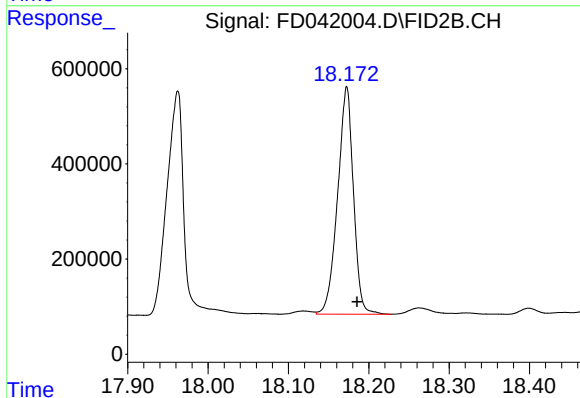
#17 n-Tricontane (C30)

R.T.: 17.346 min
Delta R.T.: -0.010 min
Response: 6209834
Conc: 39.40 ug/ml

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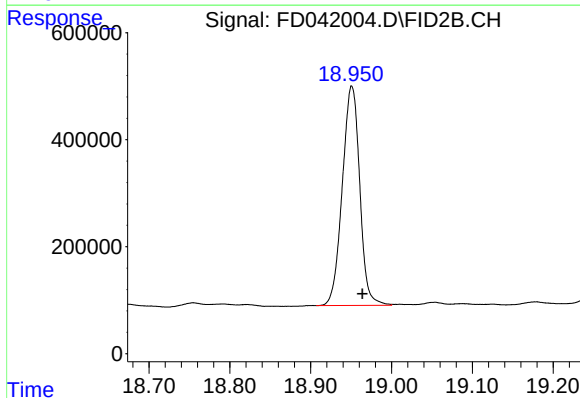
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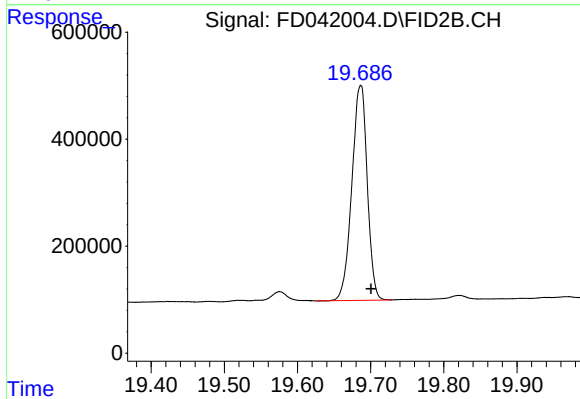
#18 n-Dotriacontane (C32)

R.T.: 18.173 min
Delta R.T.: -0.013 min
Response: 6540839
Conc: 44.08 ug/ml



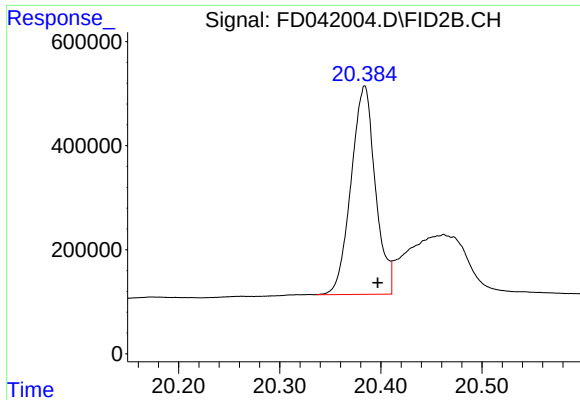
#19 n-Tetratriacontane (C34)

R.T.: 18.950 min
Delta R.T.: -0.014 min
Response: 6148639
Conc: 45.89 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.687 min
Delta R.T.: -0.014 min
Response: 5886521
Conc: 49.16 ug/ml



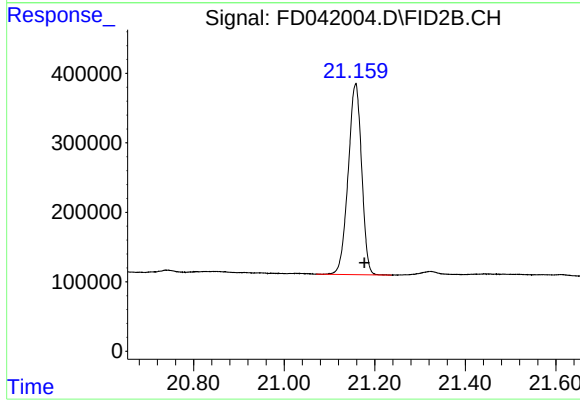
#21 n-Octatriacontane (C38)

R.T.: 20.384 min
Delta R.T.: -0.013 min
Response: 6701474
Conc: 60.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.158 min
Delta R.T.: -0.019 min
Response: 5666912
Conc: 52.64 ug/ml