

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112619AL\
 Data File : FC044739.D
 Signal(s) : FID1A.CH
 Acq On : 27 Nov 2019 4:41
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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 11/27/2019 10:29:40 AM

Integration File: sample.E
 Quant Time: Nov 27 05:38:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112219.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 23 03:00:37 2019
 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)	11.757	1989956	17.464 ug/ml
Spiked Amount 50.000		Recovery =	34.93%
12) S 1-chlorooctadecane (S...	13.182	1546734	17.467 ug/ml
Spiked Amount 50.000		Recovery =	34.93%
Target Compounds			
1) T n-Nonane (C9)	3.501	1779598	17.505 ug/ml
2) T n-Decane (C10)	4.576	1800814	17.733 ug/ml
3) T A~Naphthalene (C11.7)	6.177	2026068	17.734 ug/ml
4) T n-Dodecane (C12)	6.597	1822106	17.909 ug/ml
5) T A~2-methylnaphthalene...	7.233	2044201	17.827 ug/ml
6) T n-Tetradecane (C14)	8.390	1833103	17.984 ug/ml
7) T n-Hexadecane (C16)	9.987	1846831	17.999 ug/ml
8) T n-Octadecane (C18)	11.427	1857343	17.938 ug/ml
10) T n-Eicosane (C20)	12.734	1857899	17.810 ug/ml
11) T n-Heneicosane (C21)	13.347	1844929	17.490 ug/ml
13) T n-Docosane (C22)	13.932	1870736	17.733 ug/ml
14) T n-Tetracosane (C24)	15.034	1911713	17.857 ug/ml
15) T n-Hexacosane (C26)	16.054	1968226	18.494 ug/ml
16) T n-Octacosane (C28)	17.004	1977413	18.840 ug/ml
17) T n-Tricontane (C30)	17.891	1828926	18.267 ug/ml
18) T n-Dotriacontane (C32)	18.722	1497545	17.986 ug/ml
19) T n-Tetratriacontane (C34)	19.504	1218242	17.756 ug/ml
20) T n-Hexatriacontane (C36)	20.243	1089196	18.248 ug/mlm
21) T n-Octatriacontane (C38)	21.014	973270	18.105 ug/mlm
22) T n-Tetracontane (C40)	21.986	956112	17.846 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 2 Sample Multiplier: 1

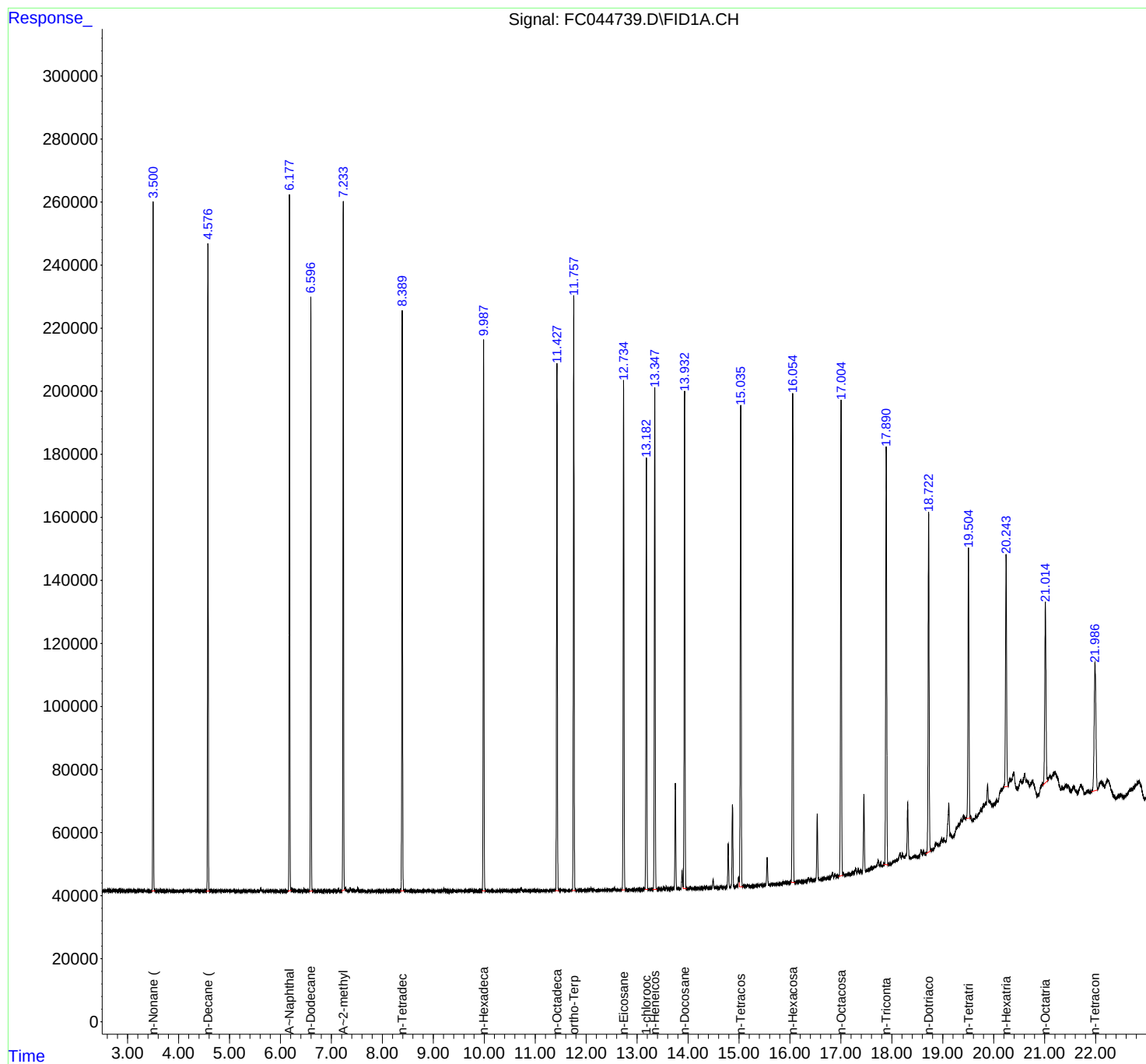
Instrument :
FID_C
ClientSampled :

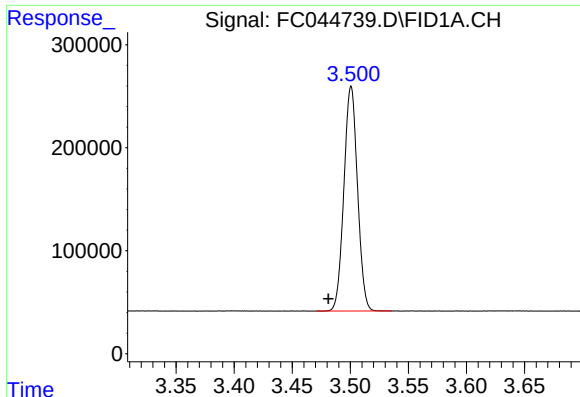
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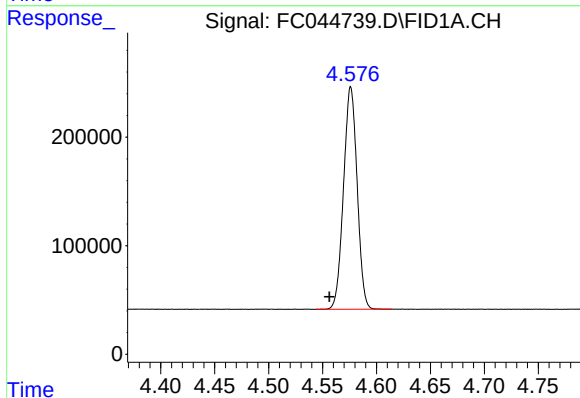
#1 n-Nonane (C9)

R.T.: 3.501 min
Delta R.T.: 0.020 min
Response: 1779598
Conc: 17.50 ug/ml

Instrument :
FID_C
ClientSampleId :

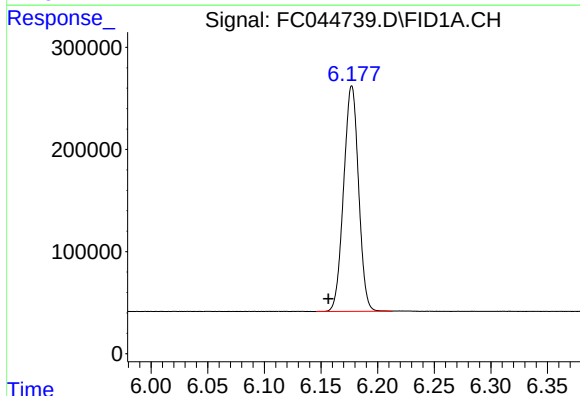
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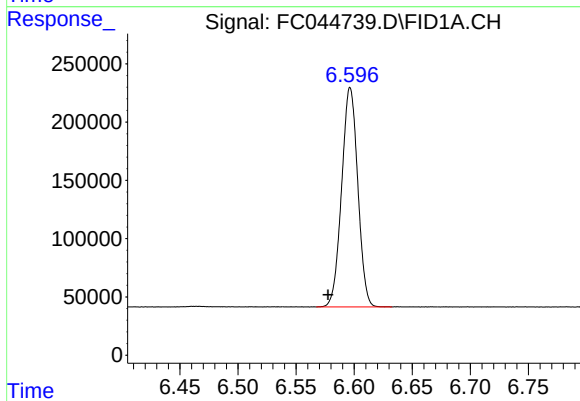
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: 0.020 min
Response: 1800814
Conc: 17.73 ug/ml



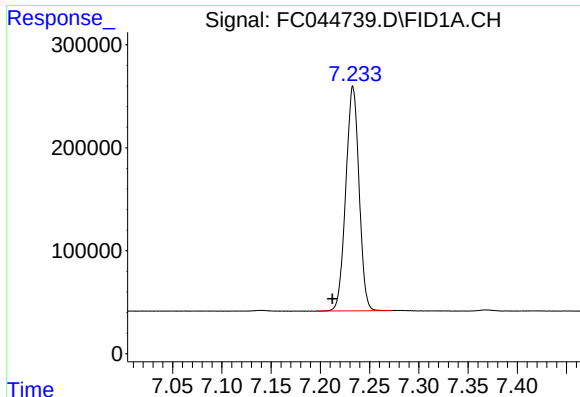
#3 A~Naphthalene (C11.7)

R.T.: 6.177 min
Delta R.T.: 0.021 min
Response: 2026068
Conc: 17.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.597 min
Delta R.T.: 0.019 min
Response: 1822106
Conc: 17.91 ug/ml



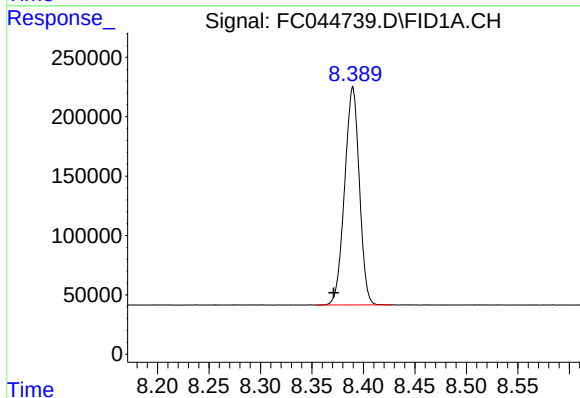
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.233 min
Delta R.T.: 0.021 min
Response: 2044201
Conc: 17.83 ug/ml

Instrument :
FID_C
ClientSampleId :

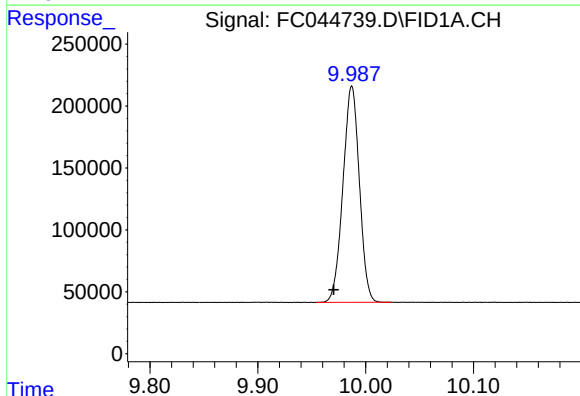
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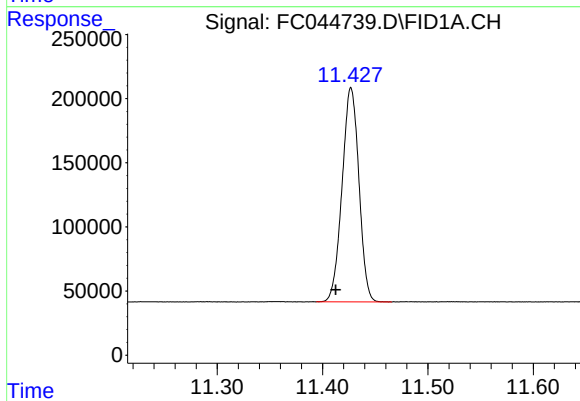
#6 n-Tetradecane (C14)

R.T.: 8.390 min
Delta R.T.: 0.018 min
Response: 1833103
Conc: 17.98 ug/ml



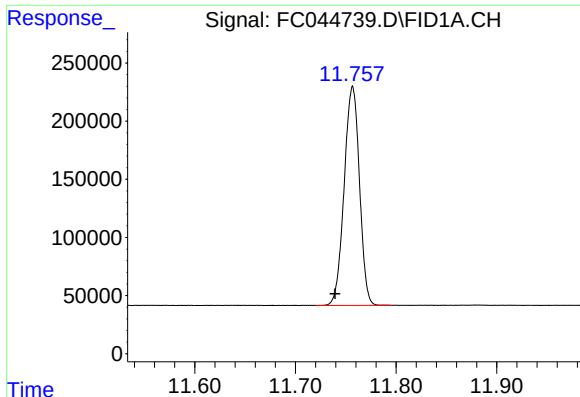
#7 n-Hexadecane (C16)

R.T.: 9.987 min
Delta R.T.: 0.017 min
Response: 1846831
Conc: 18.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.427 min
Delta R.T.: 0.015 min
Response: 1857343
Conc: 17.94 ug/ml



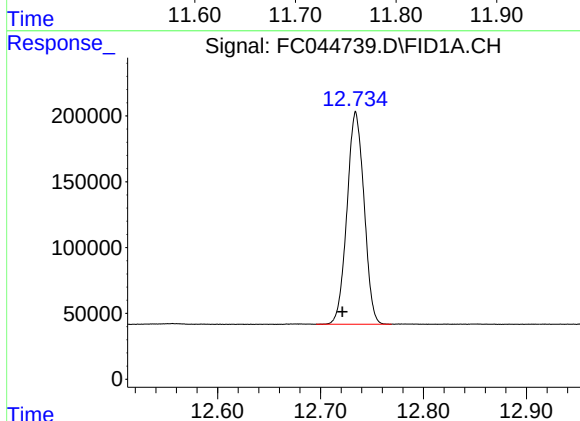
#9 ortho-Terphenyl (SURR)

R.T.: 11.757 min
Delta R.T.: 0.018 min
Response: 1989956
Conc: 17.46 ug/ml

Instrument :
FID_C
ClientSampleId :

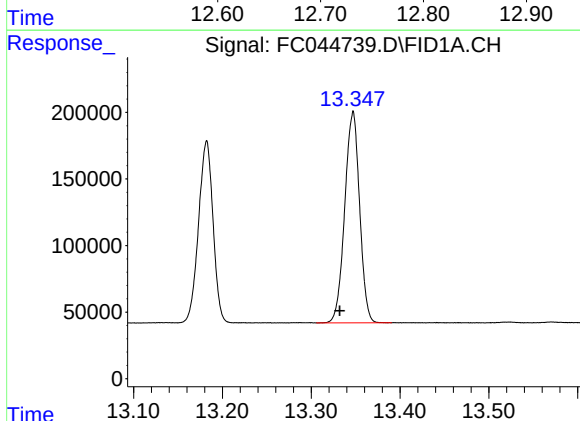
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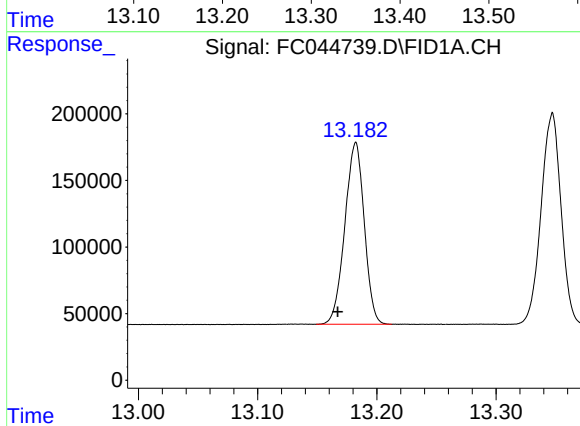
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: 0.013 min
Response: 1857899
Conc: 17.81 ug/ml



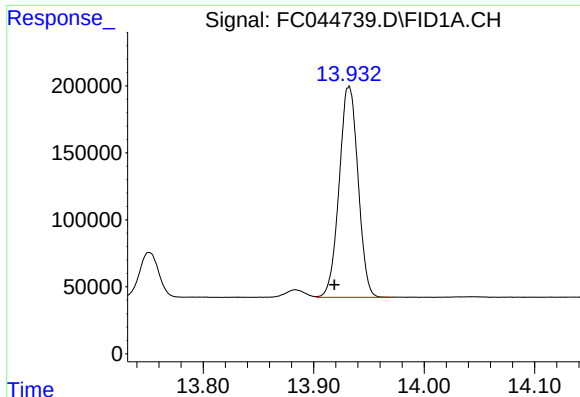
#11 n-Heneicosane (C21)

R.T.: 13.347 min
Delta R.T.: 0.015 min
Response: 1844929
Conc: 17.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.182 min
Delta R.T.: 0.015 min
Response: 1546734
Conc: 17.47 ug/ml



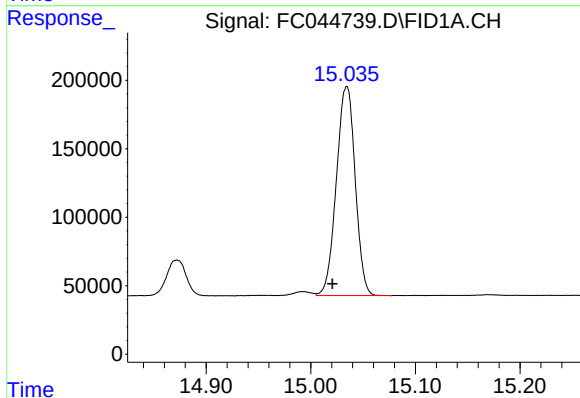
#13 n-Docosane (C22)

R.T.: 13.932 min
Delta R.T.: 0.013 min
Response: 1870736
Conc: 17.73 ug/ml

Instrument :
FID_C
ClientSampleId :

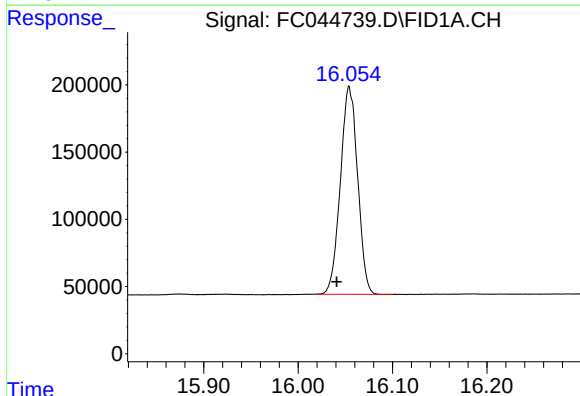
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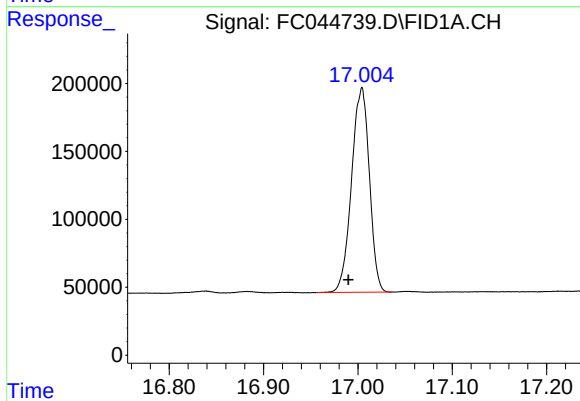
#14 n-Tetracosane (C24)

R.T.: 15.034 min
Delta R.T.: 0.014 min
Response: 1911713
Conc: 17.86 ug/ml



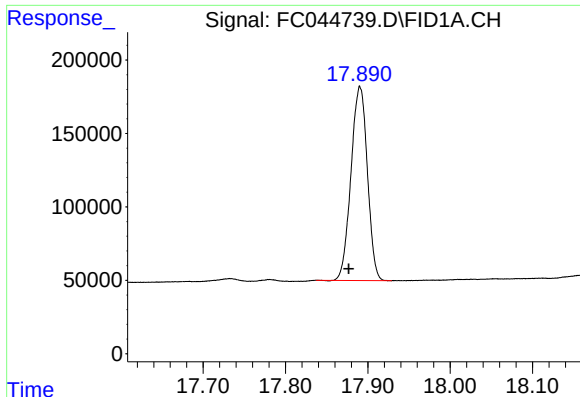
#15 n-Hexacosane (C26)

R.T.: 16.054 min
Delta R.T.: 0.013 min
Response: 1968226
Conc: 18.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.004 min
Delta R.T.: 0.014 min
Response: 1977413
Conc: 18.84 ug/ml



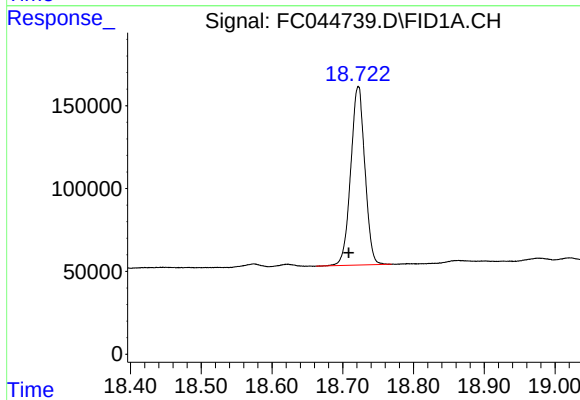
#17 n-Tricontane (C30)

R.T.: 17.891 min
Delta R.T.: 0.014 min
Response: 1828926
Conc: 18.27 ug/ml

Instrument :
FID_C
ClientSampleId :

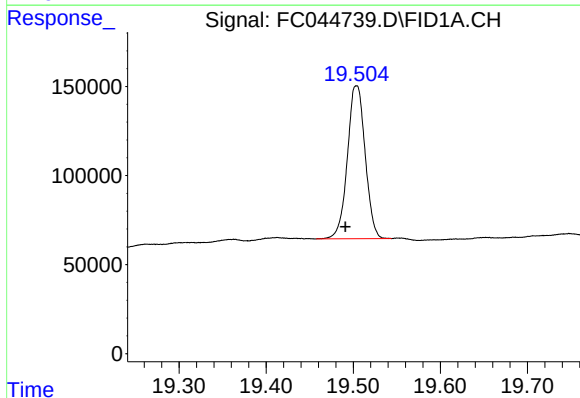
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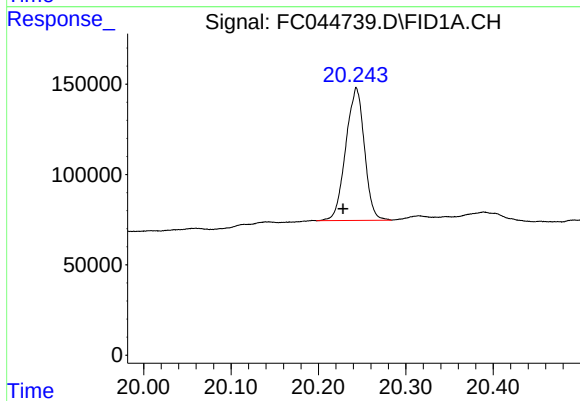
#18 n-Dotriacontane (C32)

R.T.: 18.722 min
Delta R.T.: 0.013 min
Response: 1497545
Conc: 17.99 ug/ml



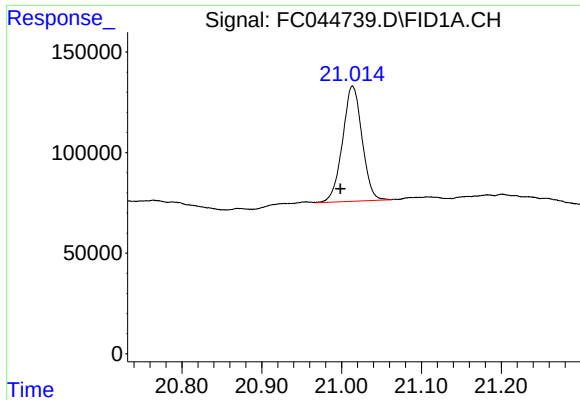
#19 n-Tetratriacontane (C34)

R.T.: 19.504 min
Delta R.T.: 0.012 min
Response: 1218242
Conc: 17.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.243 min
Delta R.T.: 0.014 min
Response: 1089196
Conc: 18.25 ug/ml m



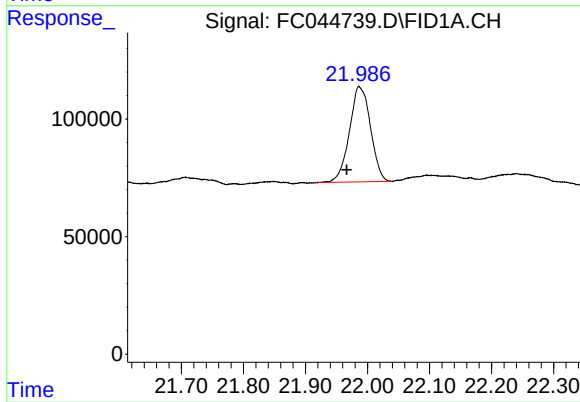
#21 n-Octatriacontane (C38)

R.T.: 21.014 min
Delta R.T.: 0.015 min
Response: 973270
Conc: 18.10 ug/ml m

Instrument :
FID_C
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.986 min
Delta R.T.: 0.020 min
Response: 956112
Conc: 17.85 ug/ml