

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050321AL\
 Data File : FC053483.D
 Signal(s) : FID1A.CH
 Acq On : 04 May 2021 00:04
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Manual Integrations
 APPROVED

Ankita
 5/7/2021 10:28:57 AM

Integration File: sample.E
 Quant Time: May 04 11:29:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:23:44 2021
 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)	11.537	1433073	10.763 ug/ml
Spiked Amount 50.000		Recovery =	21.53%
12) S 1-chlorooctadecane (S...	12.979	1161540	10.844 ug/ml
Spiked Amount 50.000		Recovery =	21.69%
Target Compounds			
1) T n-Nonane (C9)	3.295	1212270	10.671 ug/ml
2) T n-Decane (C10)	4.360	1216933	10.675 ug/ml
3) T A~Naphthalene (C11.7)	5.944	1323682	10.488 ug/ml
4) T n-Dodecane (C12)	6.379	1240446	10.646 ug/ml
5) T A~2-methylnaphthalene...	7.002	1329248	10.339 ug/ml
6) T n-Tetradecane (C14)	8.177	1249861	10.632 ug/ml
7) T n-Hexadecane (C16)	9.780	1258194	10.641 ug/ml
8) T n-Octadecane (C18)	11.223	1344496	10.735 ug/ml
10) T n-Eicosane (C20)	12.534	1369749	10.740 ug/ml
11) T n-Heneicosane (C21)	13.147	1378566	10.787 ug/ml
13) T n-Docosane (C22)	13.735	1376213	10.741 ug/ml
14) T n-Tetracosane (C24)	14.839	1393640	10.864 ug/ml
15) T n-Hexacosane (C26)	15.861	1382126	10.879 ug/ml
16) T n-Octacosane (C28)	16.812	1378751	10.957 ug/ml
17) T n-Tricontane (C30)	17.700	1376110	11.004 ug/ml
18) T n-Dotriacontane (C32)	18.534	1344701	11.138 ug/mlm
19) T n-Tetratriacontane (C34)	19.318	1298033	11.092 ug/ml
20) T n-Hexatriacontane (C36)	20.058	1221379	10.311 ug/mlm
21) T n-Octatriacontane (C38)	20.790	1103240	10.936 ug/ml
22) T n-Tetracontane (C40)	21.689	1065990	10.949 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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Misc :
ALS Vial : 10 Sample Multiplier: 1

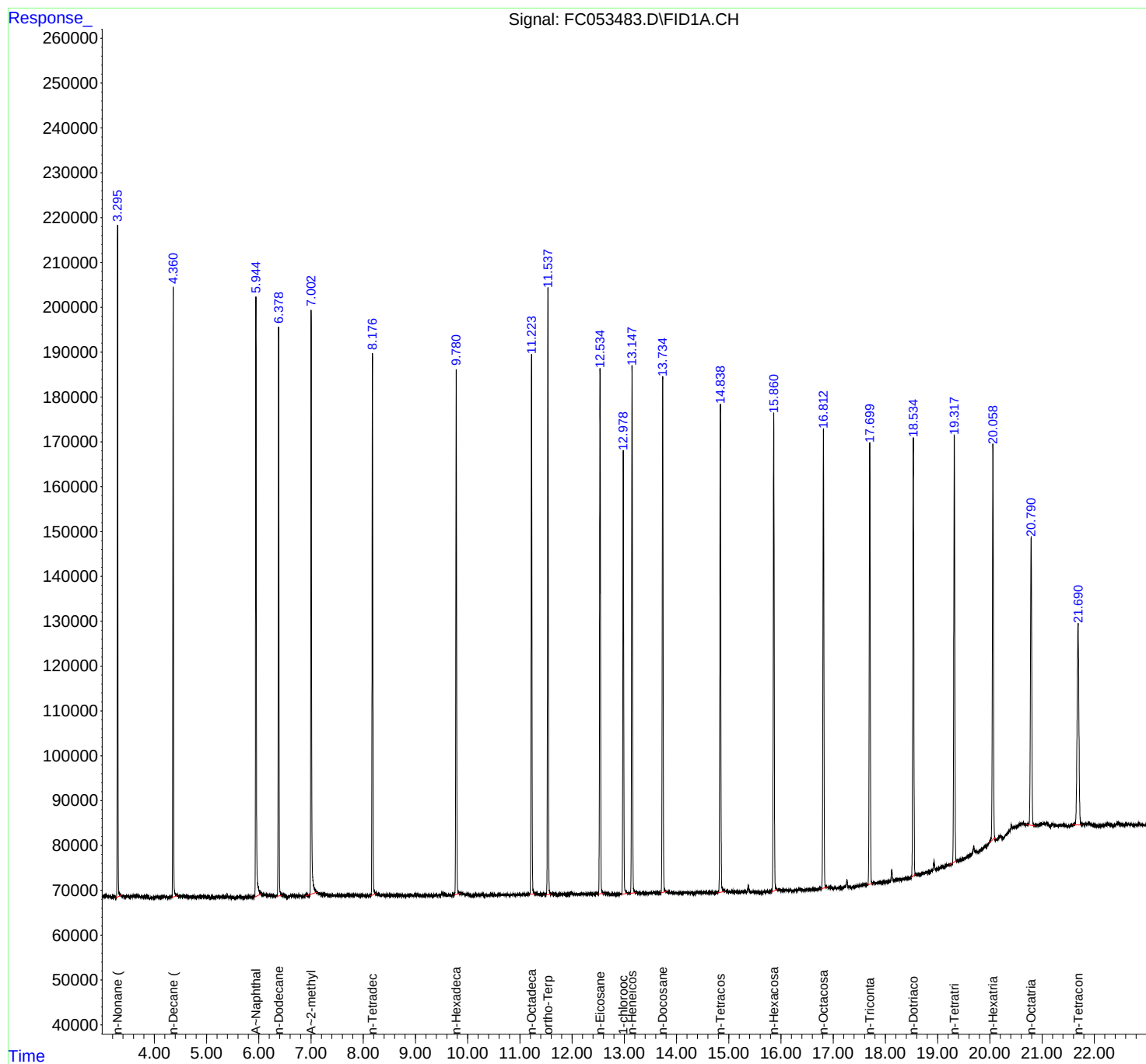
Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

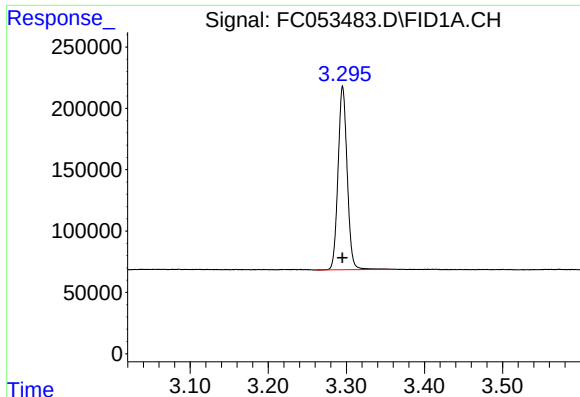
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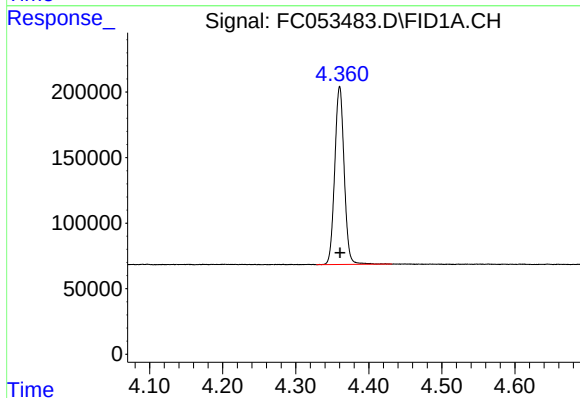
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 1212270
Conc: 10.67 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4

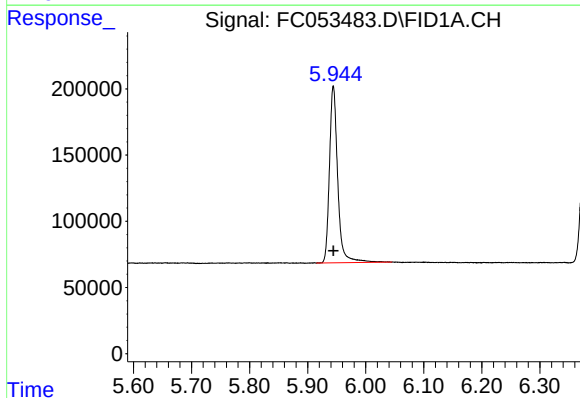
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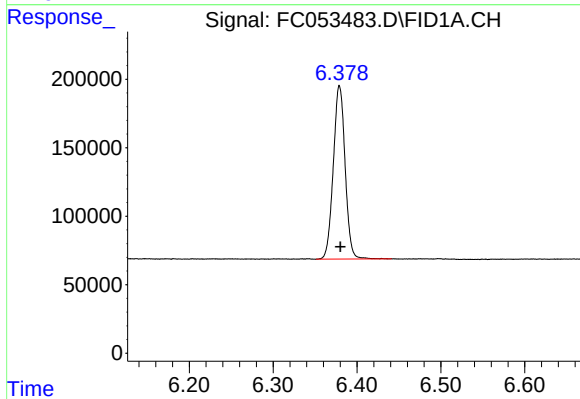
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 1216933
Conc: 10.67 ug/ml



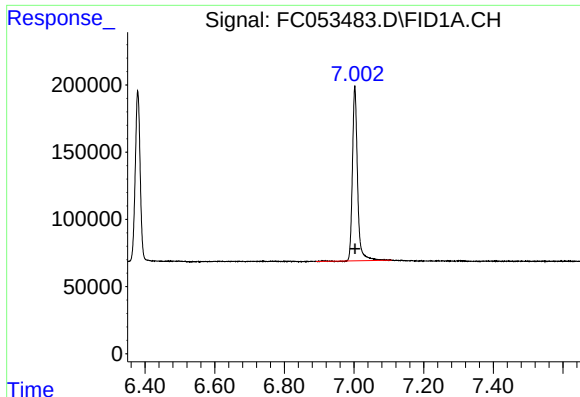
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 1323682
Conc: 10.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: -0.001 min
Response: 1240446
Conc: 10.65 ug/ml



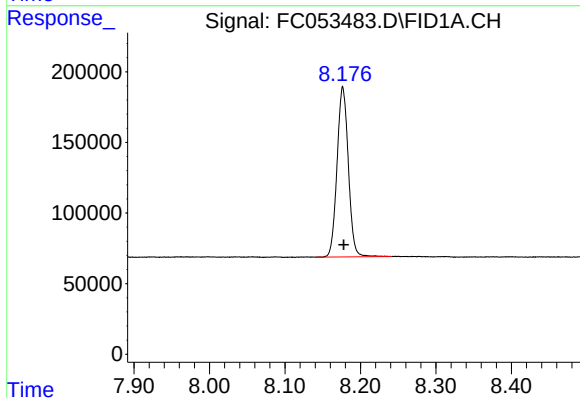
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.002 min
Delta R.T.: 0.000 min
Response: 1329248
Conc: 10.34 ug/ml

Instrument :
FID_C
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10 PPM ALIPHATIC HC STD4

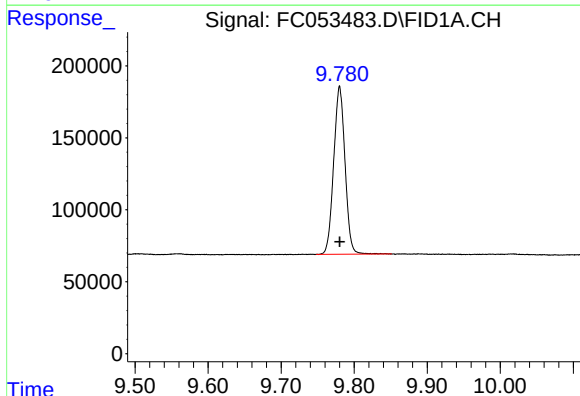
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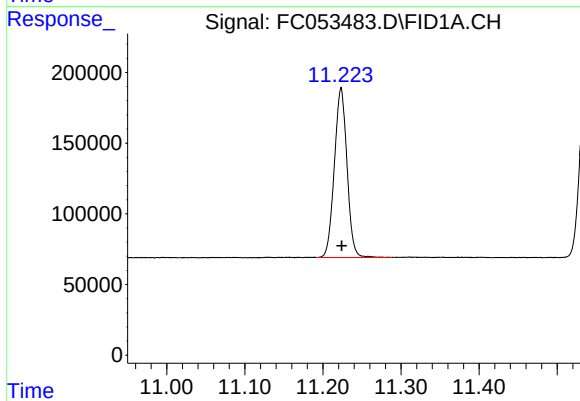
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.001 min
Response: 1249861
Conc: 10.63 ug/ml



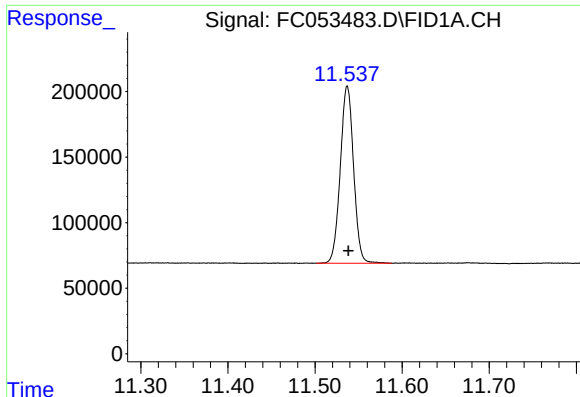
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: 0.000 min
Response: 1258194
Conc: 10.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: 0.000 min
Response: 1344496
Conc: 10.73 ug/ml



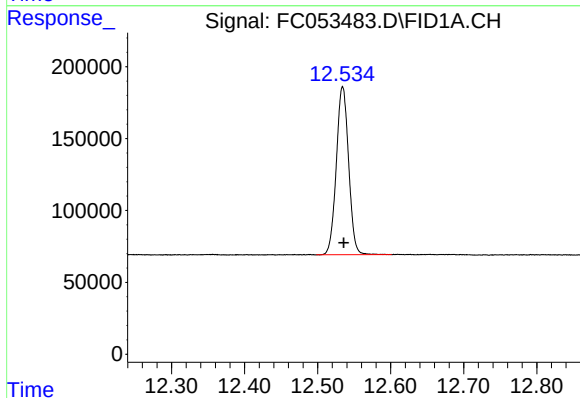
#9 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.001 min
Response: 1433073
Conc: 10.76 ug/ml

Instrument :
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10 PPM ALIPHATIC HC STD4

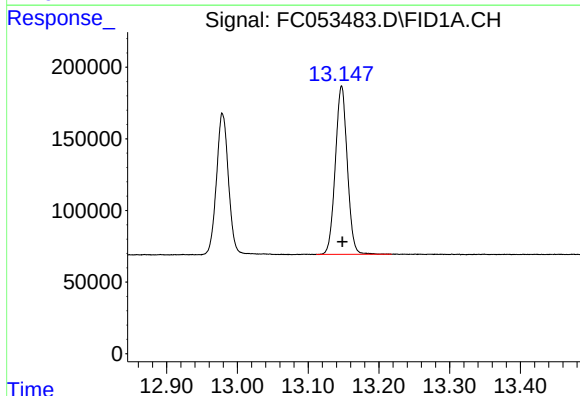
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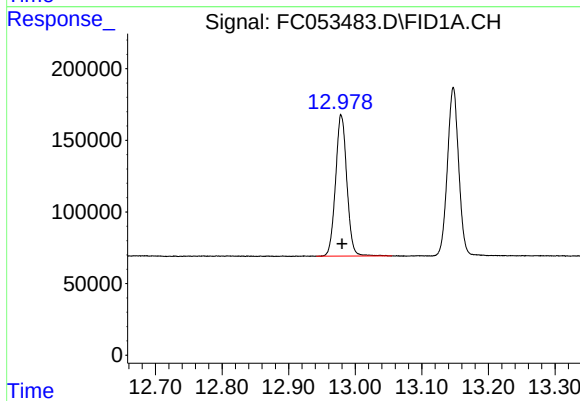
#10 n-Eicosane (C20)

R.T.: 12.534 min
Delta R.T.: -0.001 min
Response: 1369749
Conc: 10.74 ug/ml



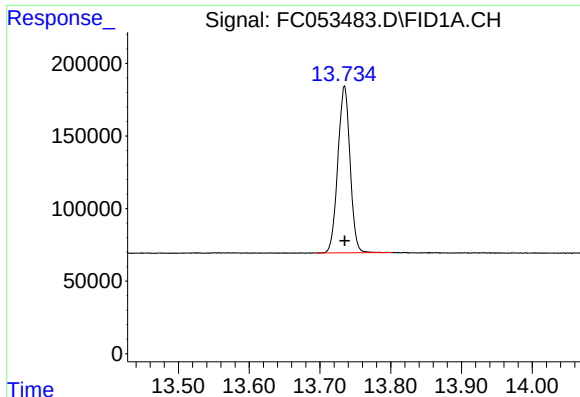
#11 n-Heneicosane (C21)

R.T.: 13.147 min
Delta R.T.: -0.001 min
Response: 1378566
Conc: 10.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.979 min
Delta R.T.: -0.001 min
Response: 1161540
Conc: 10.84 ug/ml



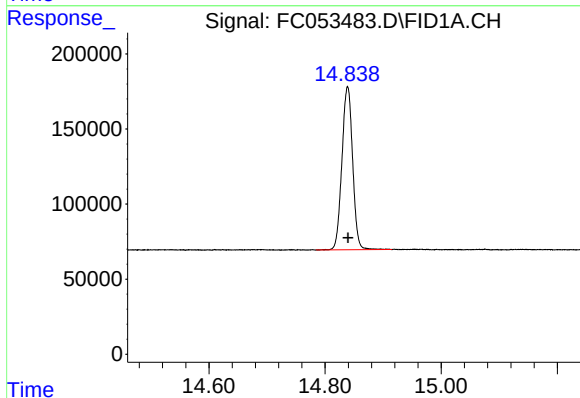
#13 n-Docosane (C22)

R.T.: 13.735 min
Delta R.T.: 0.000 min
Response: 1376213
Conc: 10.74 ug/ml

Instrument :
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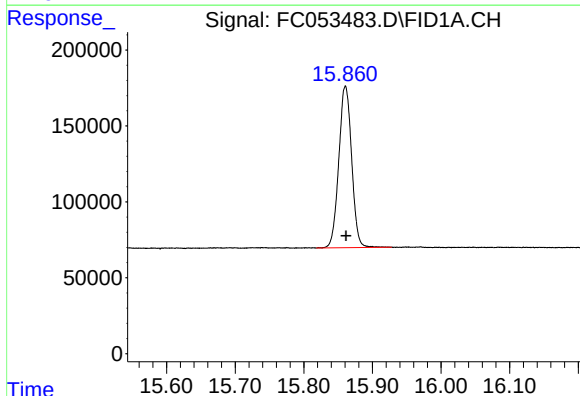
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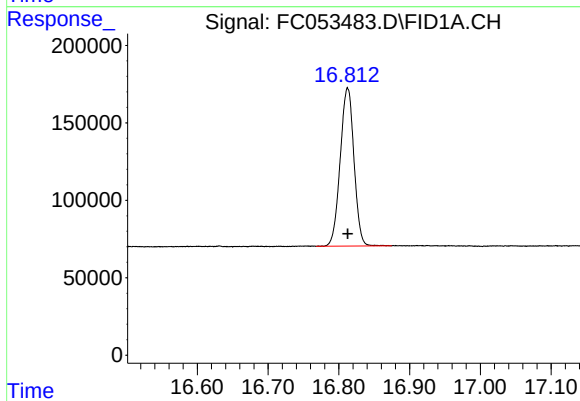
#14 n-Tetracosane (C24)

R.T.: 14.839 min
Delta R.T.: 0.000 min
Response: 1393640
Conc: 10.86 ug/ml



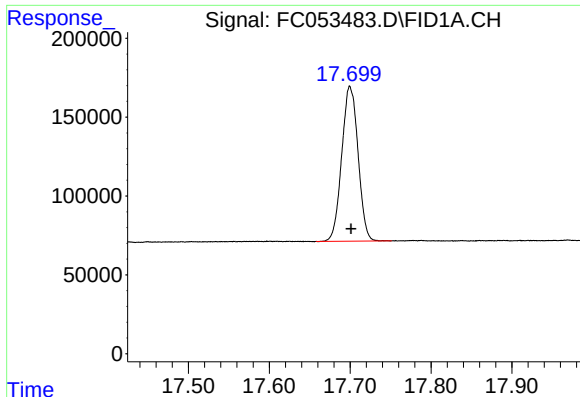
#15 n-Hexacosane (C26)

R.T.: 15.861 min
Delta R.T.: -0.001 min
Response: 1382126
Conc: 10.88 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.812 min
Delta R.T.: 0.000 min
Response: 1378751
Conc: 10.96 ug/ml



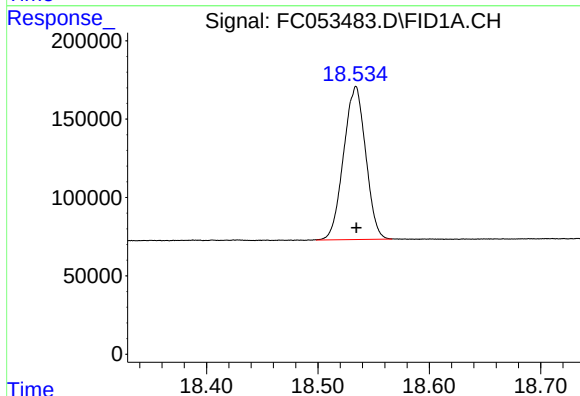
#17 n-Tricontane (C30)

R.T.: 17.700 min
Delta R.T.: -0.001 min
Response: 1376110
Conc: 11.00 ug/ml

Instrument :
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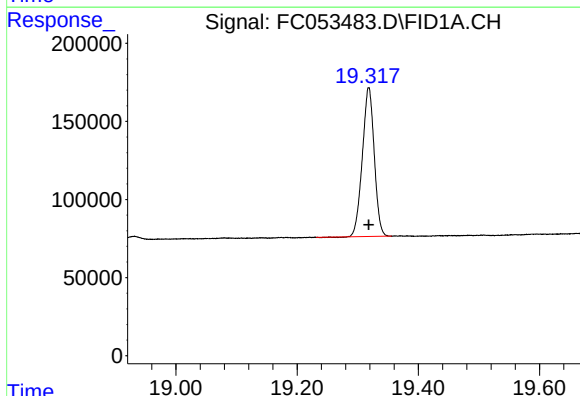
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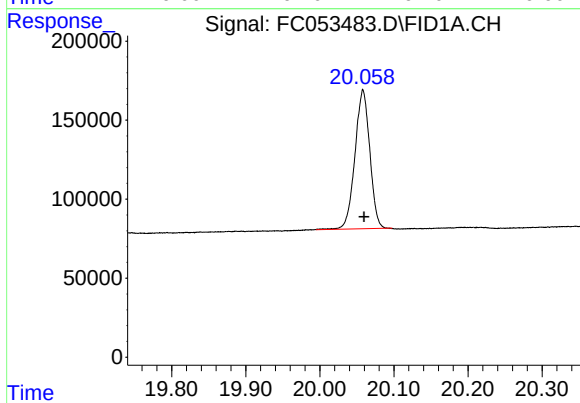
#18 n-Dotriacontane (C32)

R.T.: 18.534 min
Delta R.T.: 0.000 min
Response: 1344701
Conc: 11.14 ug/ml m



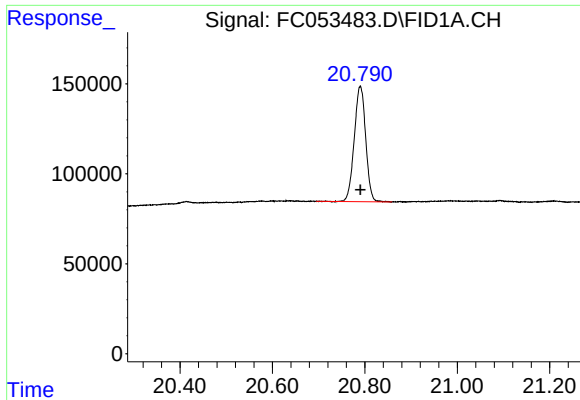
#19 n-Tetratriacontane (C34)

R.T.: 19.318 min
Delta R.T.: 0.000 min
Response: 1298033
Conc: 11.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.058 min
Delta R.T.: -0.002 min
Response: 1221379
Conc: 10.31 ug/ml m



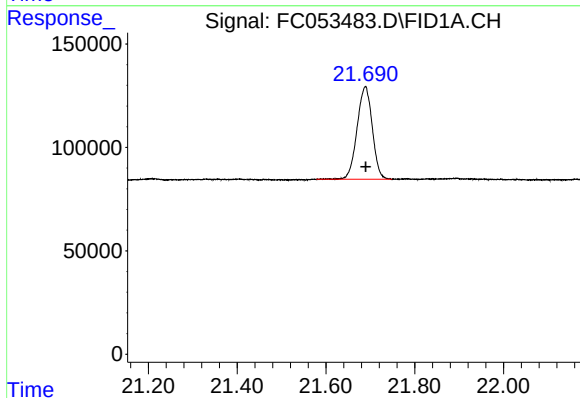
#21 n-Octatriacontane (C38)

R.T.: 20.790 min
Delta R.T.: 0.000 min
Response: 1103240
Conc: 10.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.689 min
Delta R.T.: -0.002 min
Response: 1065990
Conc: 10.95 ug/ml