

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050321AL\
 Data File : FC053484.D
 Signal(s) : FID1A.CH
 Acq On : 04 May 2021 00:41
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Ankita
 5/7/2021 10:28:58 AM

Integration File: sample.E
 Quant Time: May 04 11:30:51 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)	11.536	712699	5.353 ug/ml
Spiked Amount 50.000		Recovery =	10.71%
12) S 1-chlorooctadecane (S...	12.978	573434	5.354 ug/ml
Spiked Amount 50.000		Recovery =	10.71%
Target Compounds			
1) T n-Nonane (C9)	3.295	599716	5.279 ug/ml
2) T n-Decane (C10)	4.360	594110	5.211 ug/ml
3) T A~Naphthalene (C11.7)	5.946	636438	5.043 ug/ml
4) T n-Dodecane (C12)	6.379	611642	5.249 ug/ml
5) T A~2-methylnaphthalene...	7.003	642443	4.997 ug/ml
6) T n-Tetradecane (C14)	8.177	610958	5.197 ug/ml
7) T n-Hexadecane (C16)	9.779	620203	5.245 ug/ml
8) T n-Octadecane (C18)	11.223	670425	5.353 ug/ml
10) T n-Eicosane (C20)	12.533	678749	5.322 ug/ml
11) T n-Heneicosane (C21)	13.147	682655	5.342 ug/ml
13) T n-Docosane (C22)	13.733	681984	5.323 ug/ml
14) T n-Tetracosane (C24)	14.838	681593	5.313 ug/ml
15) T n-Hexacosane (C26)	15.860	677849	5.336 ug/ml
16) T n-Octacosane (C28)	16.811	666728	5.298 ug/ml
17) T n-Tricontane (C30)	17.700	688893	5.508 ug/ml
18) T n-Dotriacontane (C32)	18.533	676735	5.605 ug/ml
19) T n-Tetratriacontane (C34)	19.317	656400	5.609 ug/ml
20) T n-Hexatriacontane (C36)	20.058	608458	5.136 ug/mlm
21) T n-Octatriacontane (C38)	20.790	535470	5.308 ug/mlm
22) T n-Tetracontane (C40)	21.689	507662	5.214 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050321AL\
Data File : FC053484.D
Signal(s) : FID1A.CH
Acq On : 04 May 2021 00:41
Operator : DD\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 11 Sample Multiplier: 1

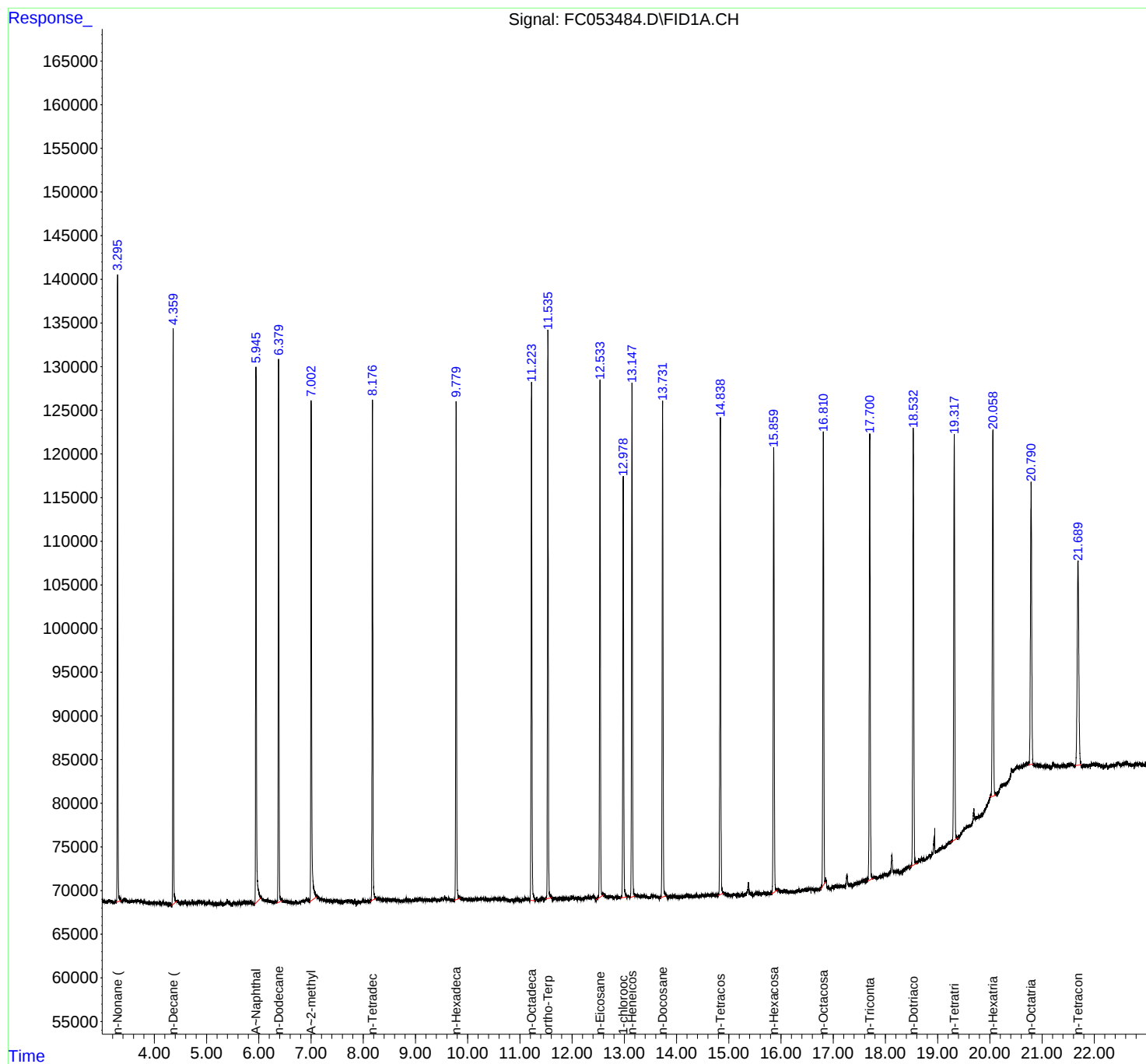
Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

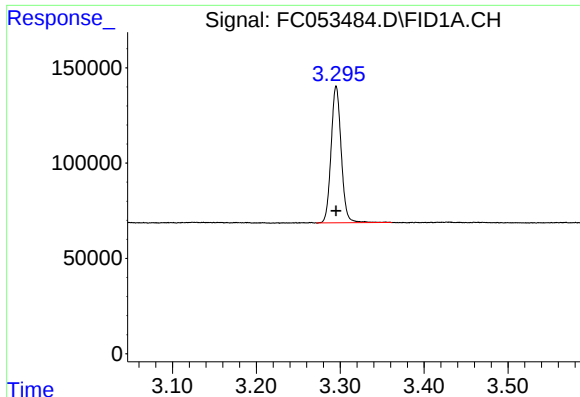
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Quant Time: May 04 11:30:51 2021
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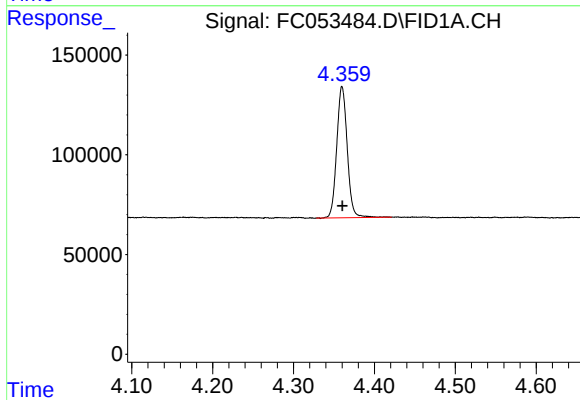
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 599716
Conc: 5.28 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

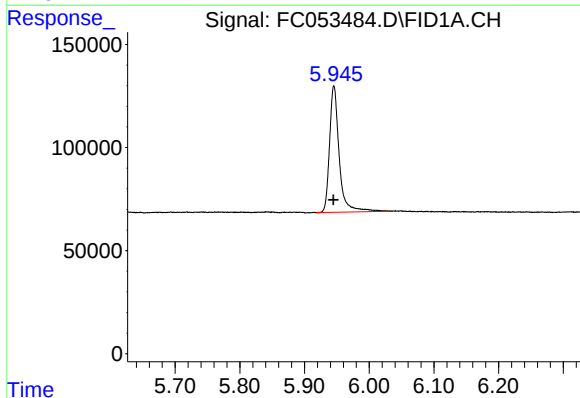
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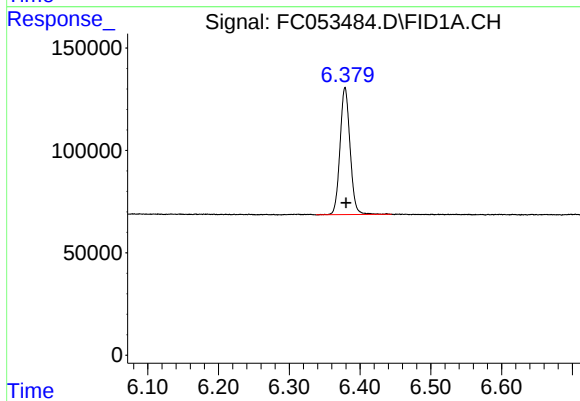
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 594110
Conc: 5.21 ug/ml



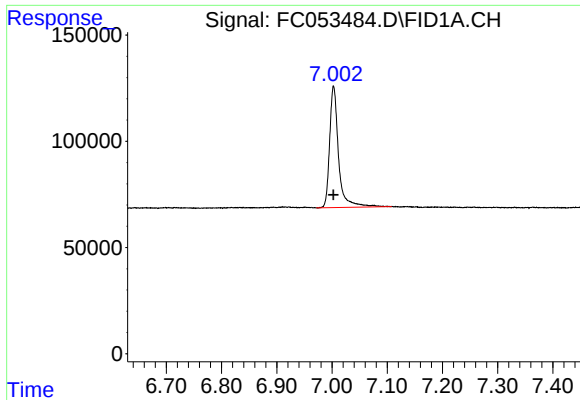
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 636438
Conc: 5.04 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.379 min
Delta R.T.: -0.001 min
Response: 611642
Conc: 5.25 ug/ml



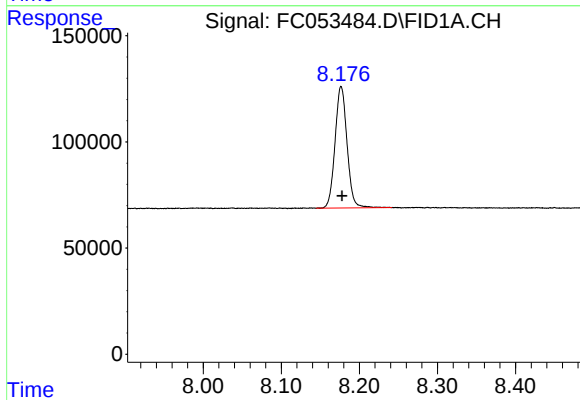
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 642443
Conc: 5.00 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

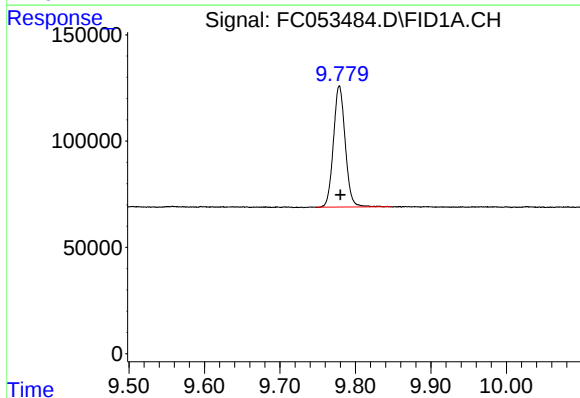
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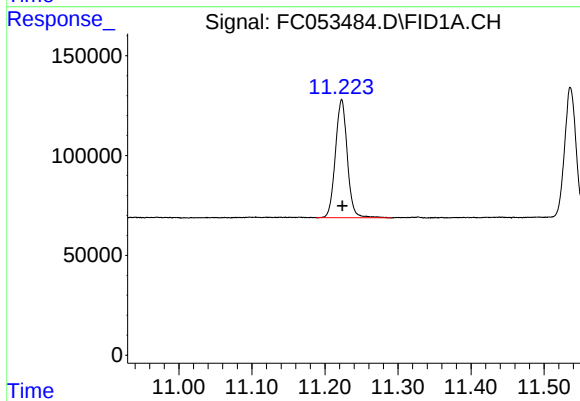
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.001 min
Response: 610958
Conc: 5.20 ug/ml



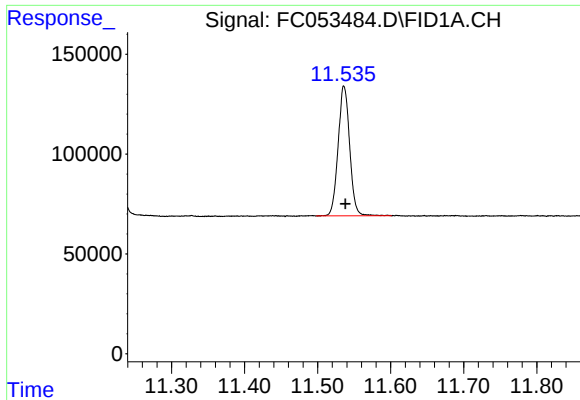
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: -0.002 min
Response: 620203
Conc: 5.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: -0.001 min
Response: 670425
Conc: 5.35 ug/ml



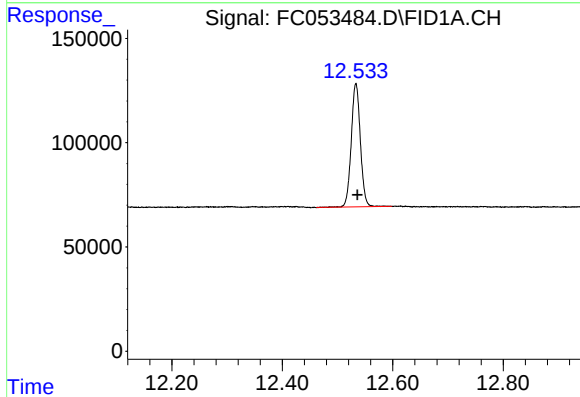
#9 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.002 min
Response: 712699
Conc: 5.35 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

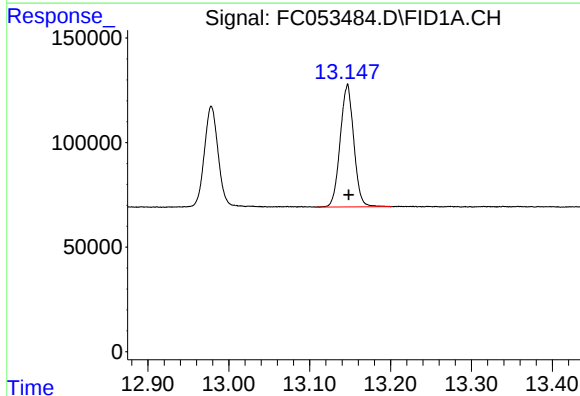
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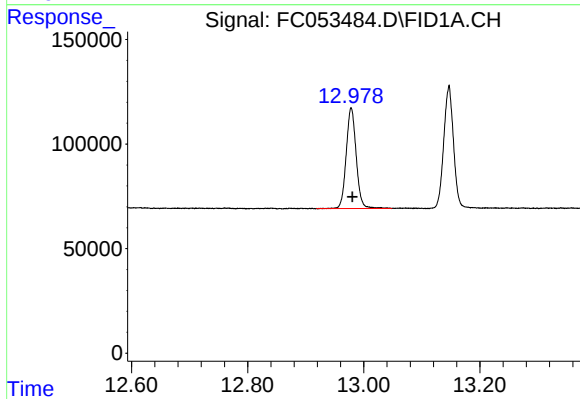
#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: -0.002 min
Response: 678749
Conc: 5.32 ug/ml



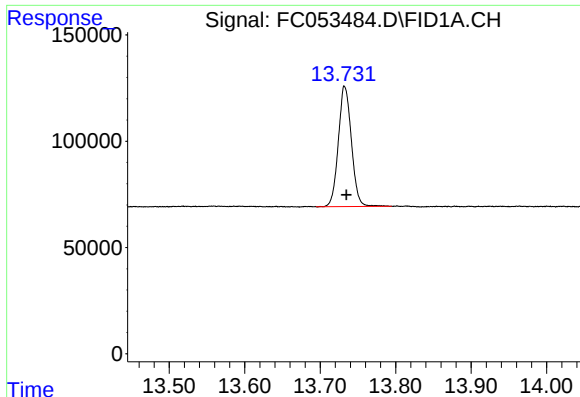
#11 n-Heneicosane (C21)

R.T.: 13.147 min
Delta R.T.: -0.002 min
Response: 682655
Conc: 5.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.978 min
Delta R.T.: -0.002 min
Response: 573434
Conc: 5.35 ug/ml



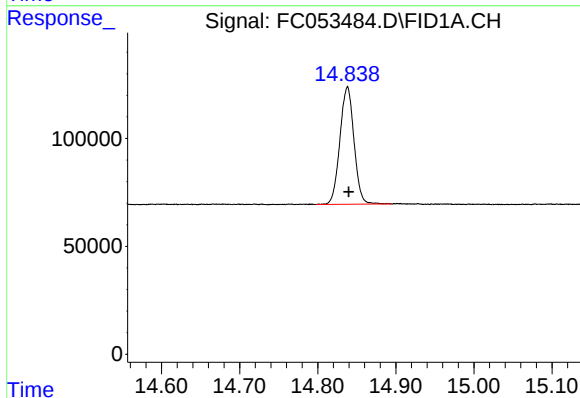
#13 n-Docosane (C22)

R.T.: 13.733 min
Delta R.T.: -0.002 min
Response: 681984
Conc: 5.32 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

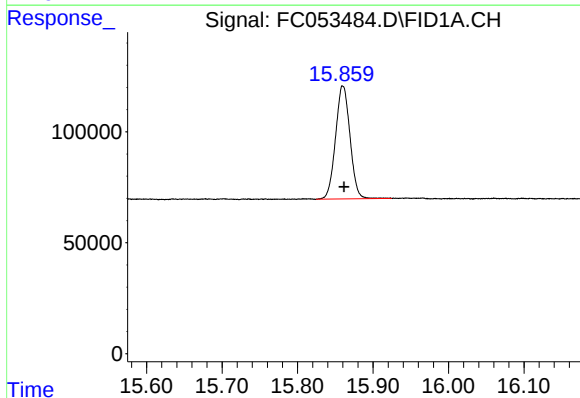
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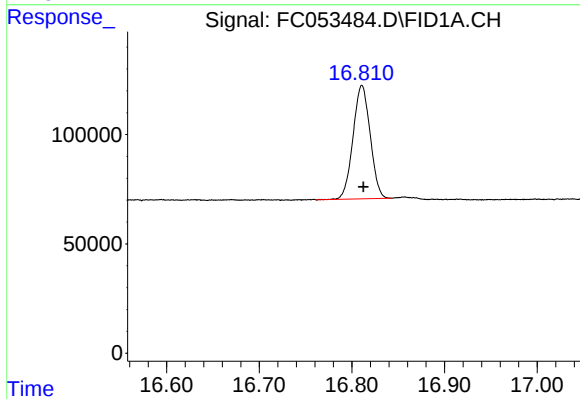
#14 n-Tetracosane (C24)

R.T.: 14.838 min
Delta R.T.: -0.002 min
Response: 681593
Conc: 5.31 ug/ml



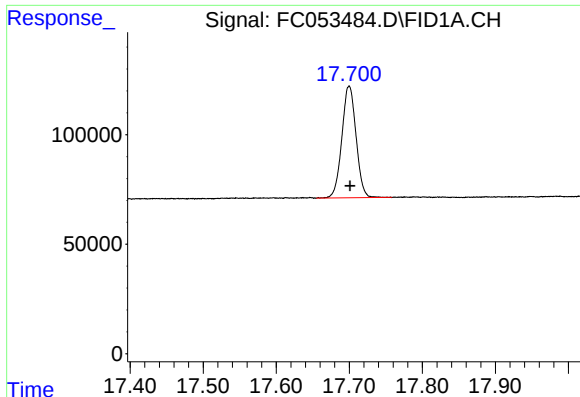
#15 n-Hexacosane (C26)

R.T.: 15.860 min
Delta R.T.: -0.002 min
Response: 677849
Conc: 5.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.811 min
Delta R.T.: -0.002 min
Response: 666728
Conc: 5.30 ug/ml



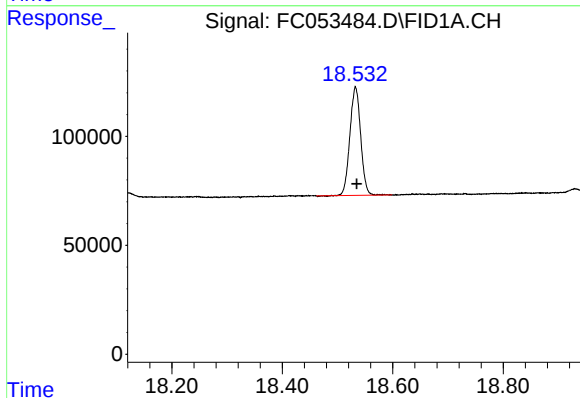
#17 n-Tricontane (C30)

R.T.: 17.700 min
Delta R.T.: -0.001 min
Response: 688893
Conc: 5.51 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

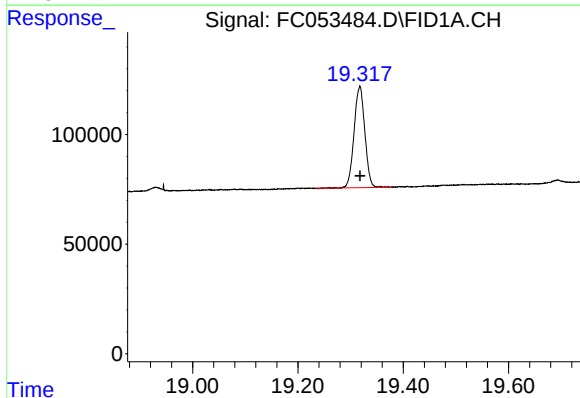
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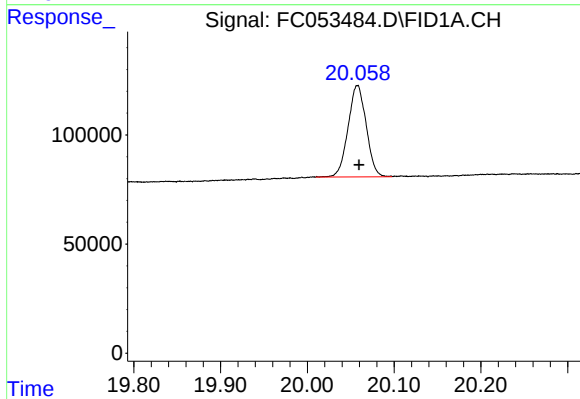
#18 n-Dotriacontane (C32)

R.T.: 18.533 min
Delta R.T.: -0.002 min
Response: 676735
Conc: 5.61 ug/ml



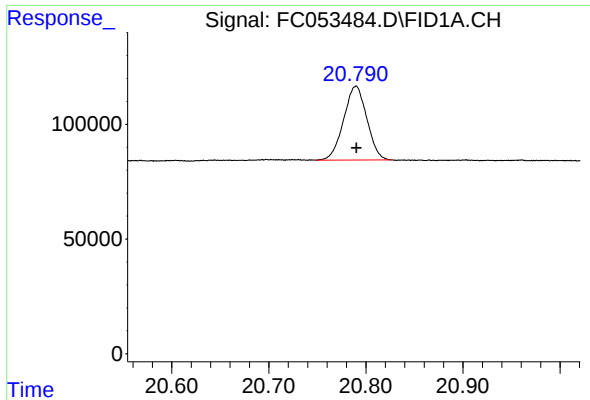
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: 0.000 min
Response: 656400
Conc: 5.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.058 min
Delta R.T.: -0.001 min
Response: 608458
Conc: 5.14 ug/ml m



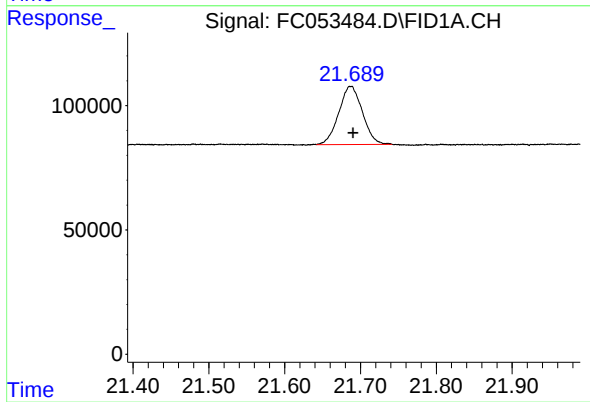
#21 n-Octatriacontane (C38)

R.T.: 20.790 min
Delta R.T.: 0.000 min
Response: 535470
Conc: 5.31 ug/ml m

Instrument :
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5 PPM ALIPHATIC HC STD5

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#22 n-Tetracontane (C40)

R.T.: 21.689 min
Delta R.T.: -0.001 min
Response: 507662
Conc: 5.21 ug/ml m