

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042821AL\
 Data File : FC053475.D
 Signal(s) : FID1A.CH
 Acq On : 28 Apr 2021 22:21
 Operator : DD\AJ
 Sample : M2193-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 S-1MSD

Manual Integrations
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Integration File: sample.E
 Quant Time: Apr 29 01:54:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042021.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 21 11:02:12 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)	11.549	4671198	33.753 ug/ml
Spiked Amount 50.000		Recovery =	67.51%
12) S 1-chlorooctadecane (S...	12.989	3595905	33.224 ug/ml
Spiked Amount 50.000		Recovery =	66.45%
Target Compounds			
1) T n-Nonane (C9)	3.302	3615910	31.168 ug/ml
2) T n-Decane (C10)	4.368	4067073	34.751 ug/ml
3) T A~Naphthalene (C11.7)	5.953	4627987	35.574 ug/ml
4) T n-Dodecane (C12)	6.388	4387226	36.764 ug/ml
5) T A~2-methylnaphthalene...	7.011	4637680	35.087 ug/ml
6) T n-Tetradecane (C14)	8.188	4633326	38.070 ug/ml
7) T n-Hexadecane (C16)	9.789	4921290	40.899 ug/ml
8) T n-Octadecane (C18)	11.234	5077374	40.070 ug/ml
10) T n-Eicosane (C20)	12.545	4808770	37.498 ug/ml
11) T n-Heneicosane (C21)	13.157	4687032	36.495 ug/ml
13) T n-Docosane (C22)	13.745	4602059	35.708 ug/ml
14) T n-Tetracosane (C24)	14.844	3221560	24.943 ug/mlm
15) T n-Hexacosane (C26)	15.872	4365498	33.969 ug/ml
16) T n-Octacosane (C28)	16.822	4474604	34.551 ug/ml
17) T n-Tricontane (C30)	17.713	4366885	32.429 ug/ml
18) T n-Dotriacontane (C32)	18.545	4351322	31.728 ug/ml
19) T n-Tetratriacontane (C34)	19.329	4278312	32.785 ug/ml
20) T n-Hexatriacontane (C36)	20.070	4118107	34.012 ug/mlm
21) T n-Octatriacontane (C38)	20.803	4057163	38.504 ug/ml
22) T n-Tetracontane (C40)	21.707	4016360	38.359 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : M2193-01MSD
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ALS Vial : 19 Sample Multiplier: 1

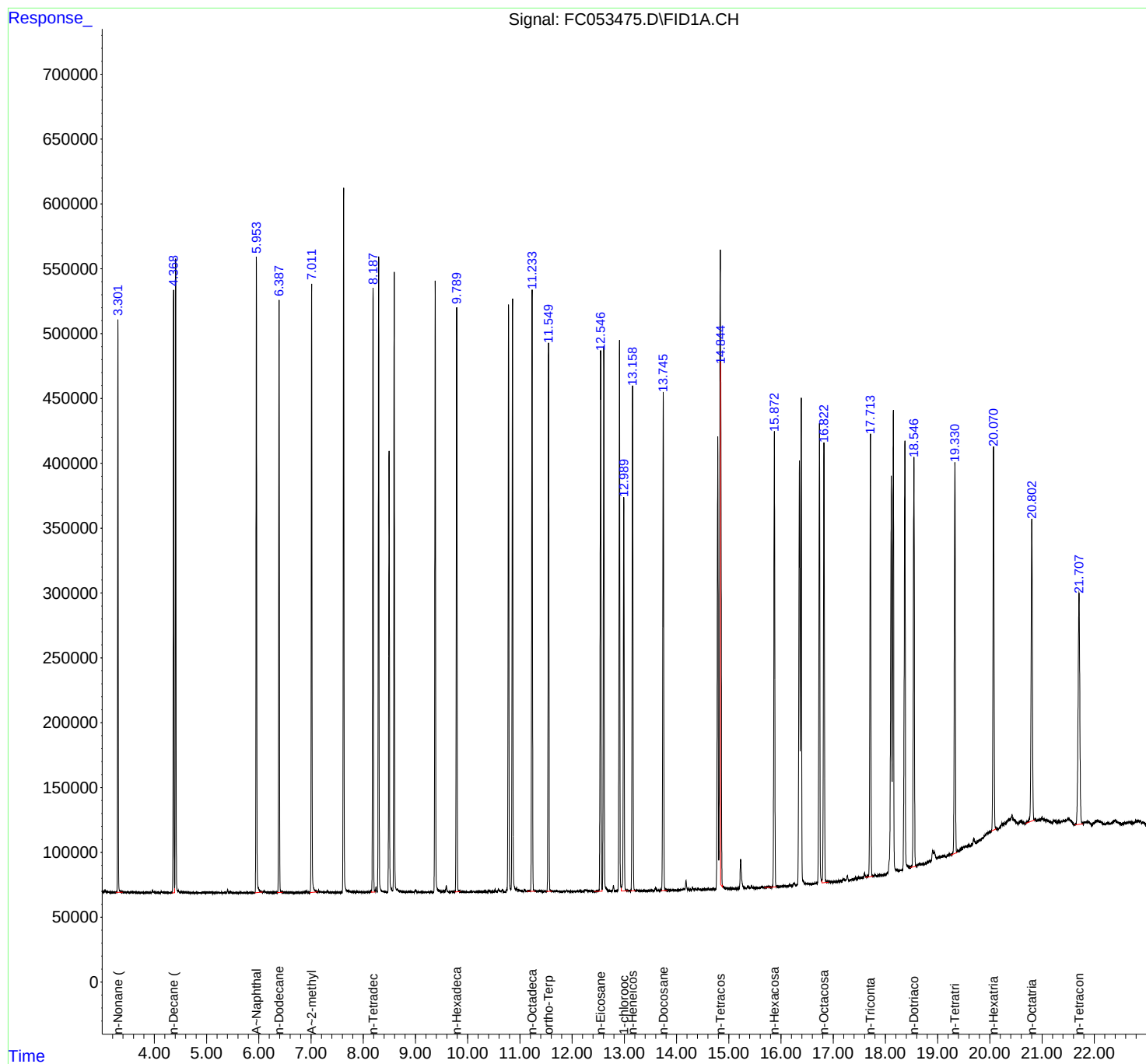
Instrument :
FID_C
ClientSampled :
S-1MSD

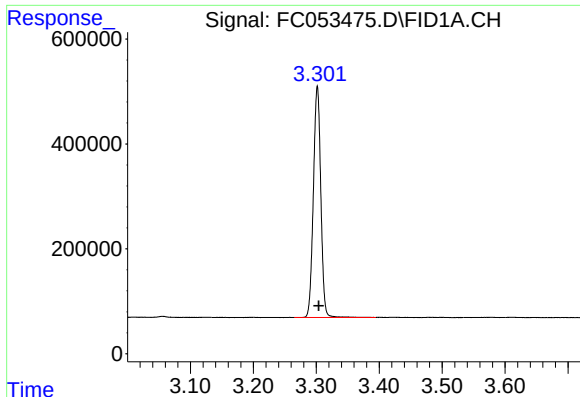
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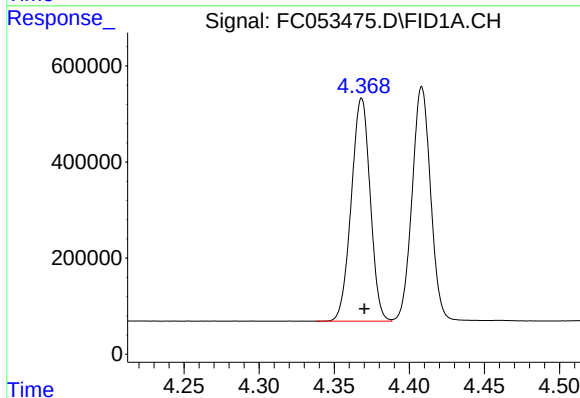
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.002 min
Response: 3615910
Conc: 31.17 ug/ml

Instrument :
FID_C
ClientSampleId :
S-1MSD

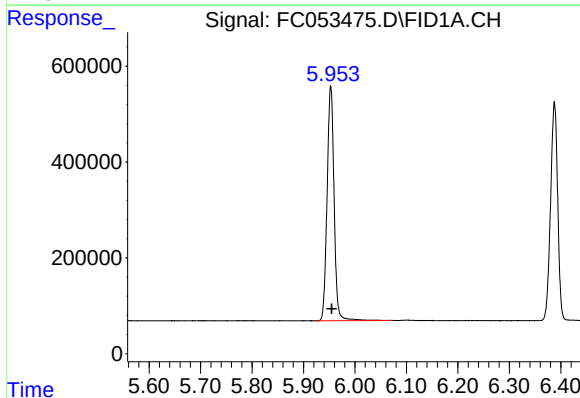
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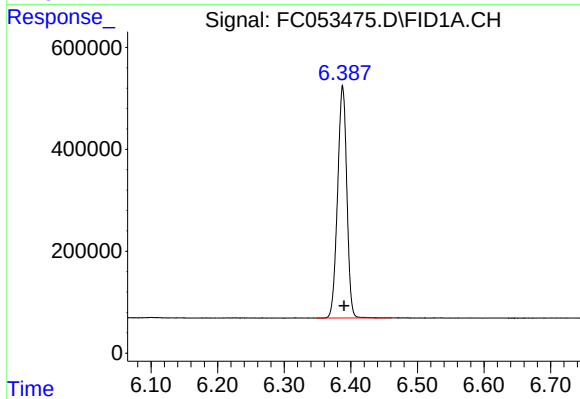
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: -0.002 min
Response: 4067073
Conc: 34.75 ug/ml



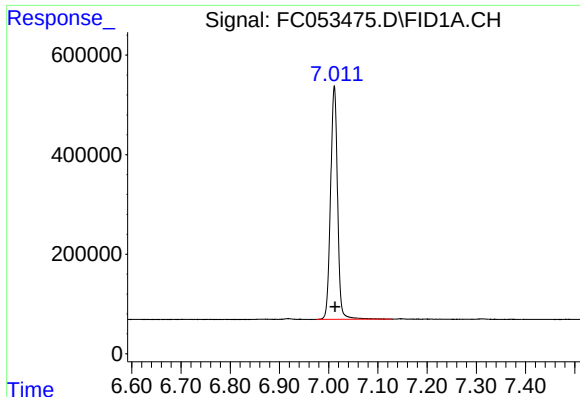
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 4627987
Conc: 35.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 4387226
Conc: 36.76 ug/ml



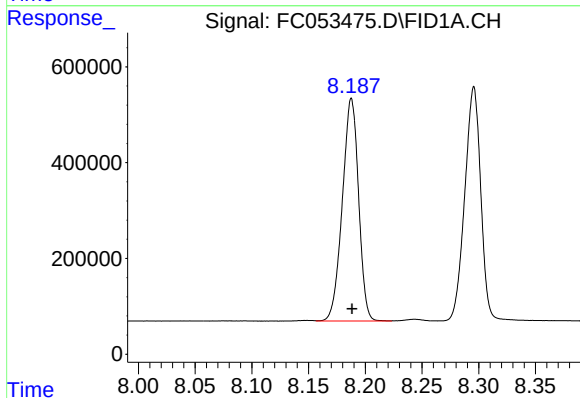
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: -0.001 min
Response: 4637680
Conc: 35.09 ug/ml

Instrument :
FID_C
ClientSampleId :
S-1MSD

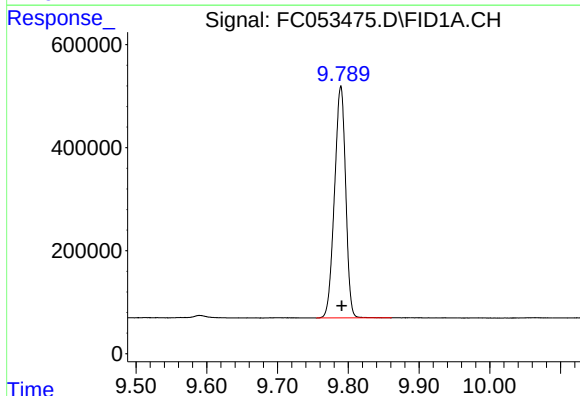
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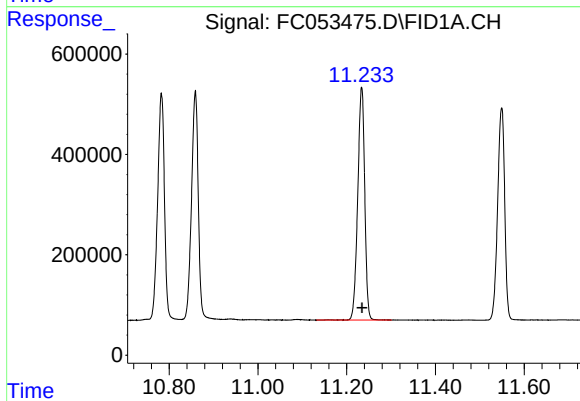
#6 n-Tetradecane (C14)

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 4633326
Conc: 38.07 ug/ml



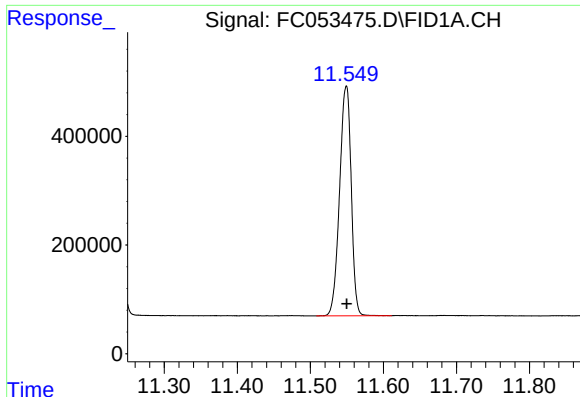
#7 n-Hexadecane (C16)

R.T.: 9.789 min
Delta R.T.: -0.002 min
Response: 4921290
Conc: 40.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.234 min
Delta R.T.: -0.001 min
Response: 5077374
Conc: 40.07 ug/ml



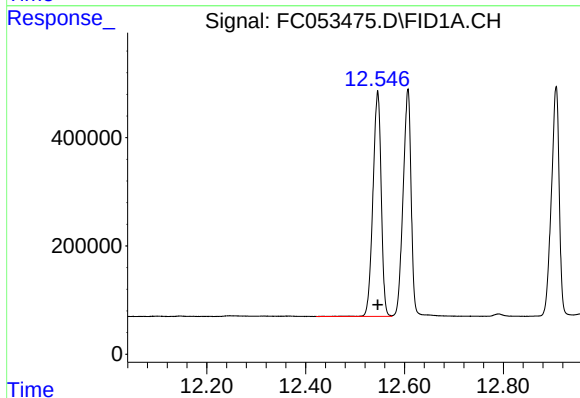
#9 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: 0.000 min
Response: 4671198
Conc: 33.75 ug/ml

Instrument :
FID_C
ClientSampleId :
S-1MSD

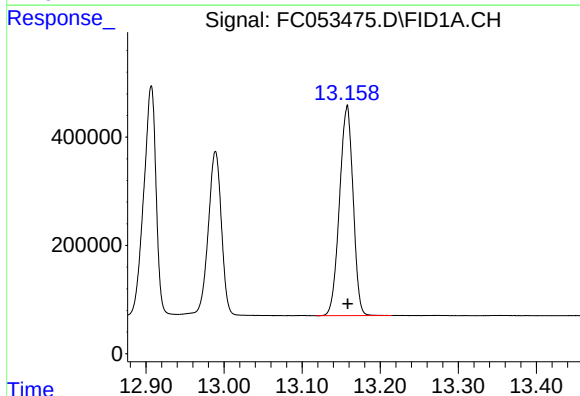
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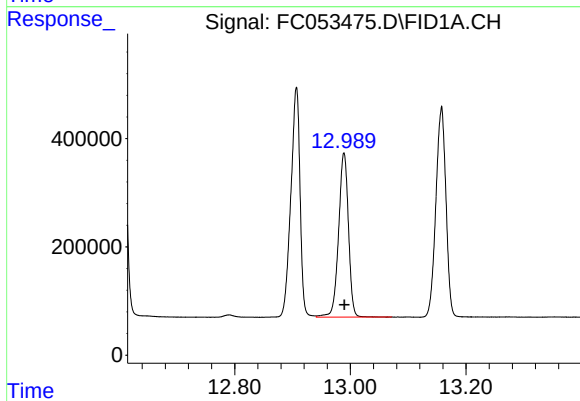
#10 n-Eicosane (C20)

R.T.: 12.545 min
Delta R.T.: 0.000 min
Response: 4808770
Conc: 37.50 ug/ml



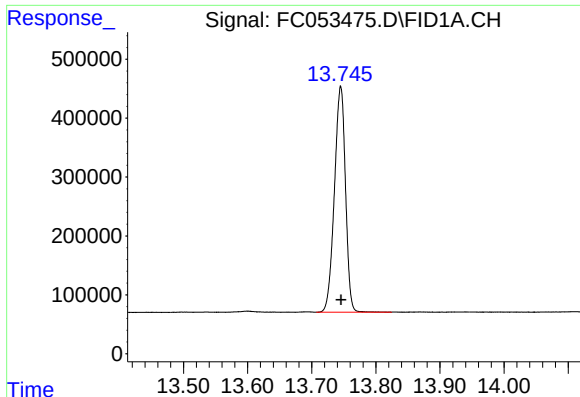
#11 n-Heneicosane (C21)

R.T.: 13.157 min
Delta R.T.: -0.001 min
Response: 4687032
Conc: 36.50 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.989 min
Delta R.T.: 0.000 min
Response: 3595905
Conc: 33.22 ug/ml



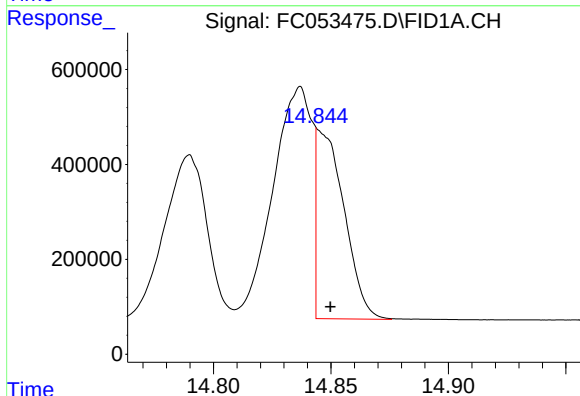
#13 n-Docosane (C22)

R.T.: 13.745 min
Delta R.T.: 0.000 min
Response: 4602059
Conc: 35.71 ug/ml

Instrument :
FID_C
ClientSampleId :
S-1MSD

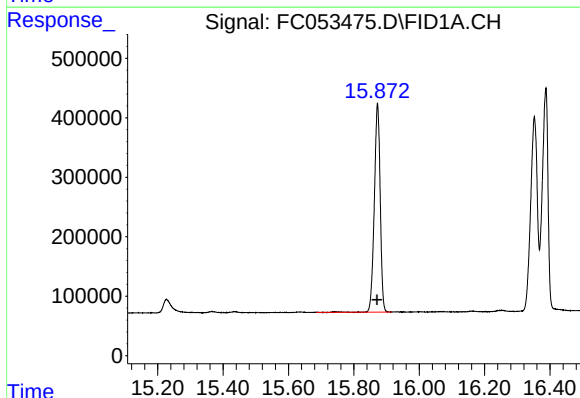
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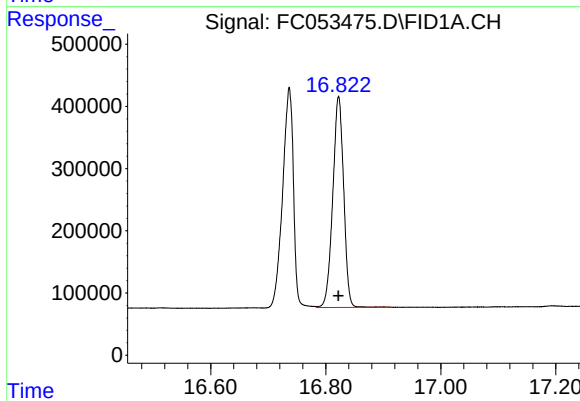
#14 n-Tetracosane (C24)

R.T.: 14.844 min
Delta R.T.: -0.006 min
Response: 3221560
Conc: 24.94 ug/ml m



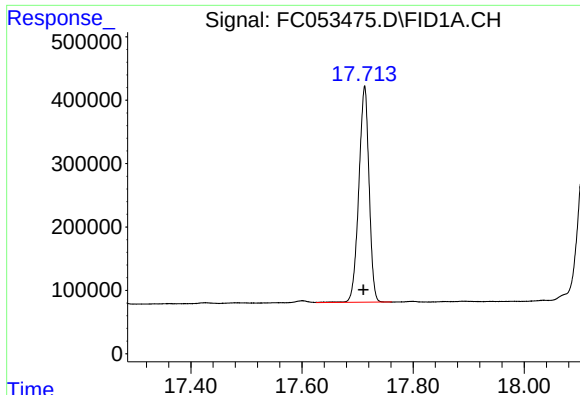
#15 n-Hexacosane (C26)

R.T.: 15.872 min
Delta R.T.: 0.001 min
Response: 4365498
Conc: 33.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.822 min
Delta R.T.: 0.000 min
Response: 4474604
Conc: 34.55 ug/ml



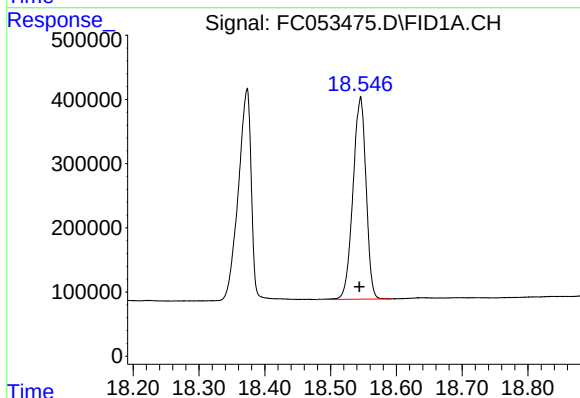
#17 n-Tricontane (C30)

R.T.: 17.713 min
Delta R.T.: 0.002 min
Response: 4366885
Conc: 32.43 ug/ml

Instrument :
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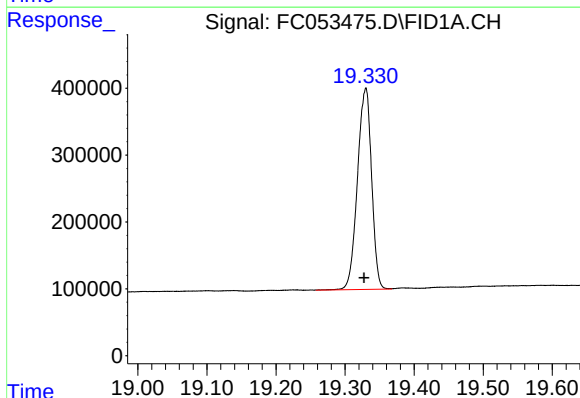
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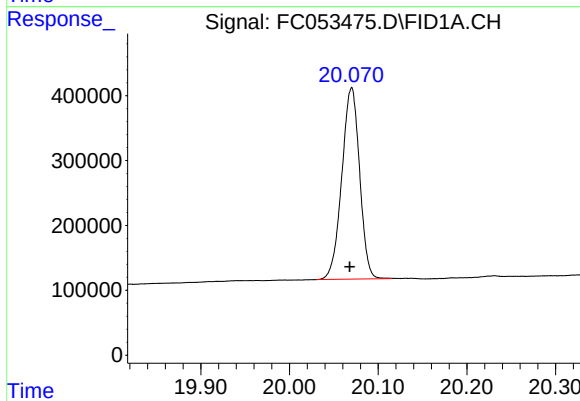
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: 0.001 min
Response: 4351322
Conc: 31.73 ug/ml



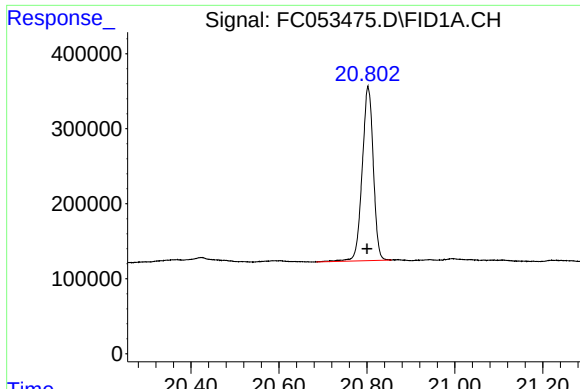
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.002 min
Response: 4278312
Conc: 32.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.070 min
Delta R.T.: 0.002 min
Response: 4118107
Conc: 34.01 ug/ml m



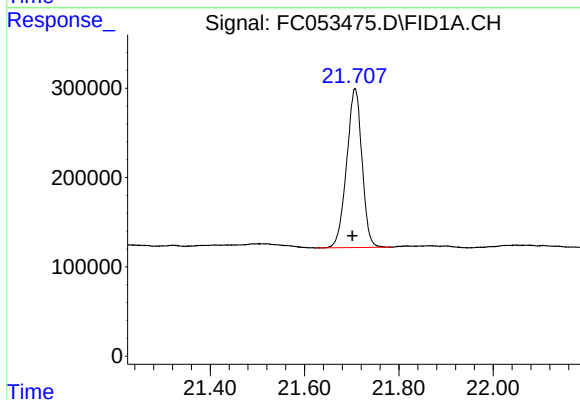
#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: 0.003 min
Response: 4057163
Conc: 38.50 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.707 min
Delta R.T.: 0.006 min
Response: 4016360
Conc: 38.36 ug/ml