

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120221AL\
 Data File : FC057160.D
 Signal(s) : FID1A.CH
 Acq On : 02 Dec 2021 11:10
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/06/2021
 Supervised By :mohammad ahmed 12/06/2021

Integration File: sample.E
 Quant Time: Dec 03 00:48:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 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)	11.596	2114186	18.218 ug/ml
Spiked Amount 50.000		Recovery =	36.44%
12) S 1-chlorooctadecane (S...	13.029	1633570	17.944 ug/ml
Spiked Amount 50.000		Recovery =	35.89%
Target Compounds			
1) T n-Nonane (C9)	3.356	2023172	19.966 ug/ml
2) T n-Decane (C10)	4.423	2035449	20.326 ug/ml
3) T A~Naphthalene (C11.7)	6.013	2240890	20.069 ug/ml
4) T n-Dodecane (C12)	6.441	2057889	20.296 ug/ml
5) T A~2-methylnaphthalene...	7.071	2224339	20.173 ug/ml
6) T n-Tetradecane (C14)	8.235	2045449	20.188 ug/ml
7) T n-Hexadecane (C16)	9.835	2023991	19.724 ug/ml
8) T n-Octadecane (C18)	11.275	2054618	19.177 ug/ml
10) T n-Eicosane (C20)	12.583	1976708	18.482 ug/ml
11) T n-Heneicosane (C21)	13.194	1961780	18.115 ug/ml
13) T n-Docosane (C22)	13.780	1912450	17.851 ug/ml
14) T n-Tetracosane (C24)	14.880	1845484	17.047 ug/ml
15) T n-Hexacosane (C26)	15.899	1762135	16.543 ug/ml
16) T n-Octacosane (C28)	16.845	1730373	16.222 ug/ml
17) T n-Tricontane (C30)	17.731	1690136	15.857 ug/ml
18) T n-Dotriacontane (C32)	18.561	1666515	15.799 ug/ml
19) T n-Tetratriacontane (C34)	19.340	1697164	16.337 ug/ml
20) T n-Hexatriacontane (C36)	20.075	1683808	16.670 ug/mlm
21) T n-Octatriacontane (C38)	20.807	1654127	18.020 ug/ml
22) T n-Tetracontane (C40)	21.718	1624364	18.032 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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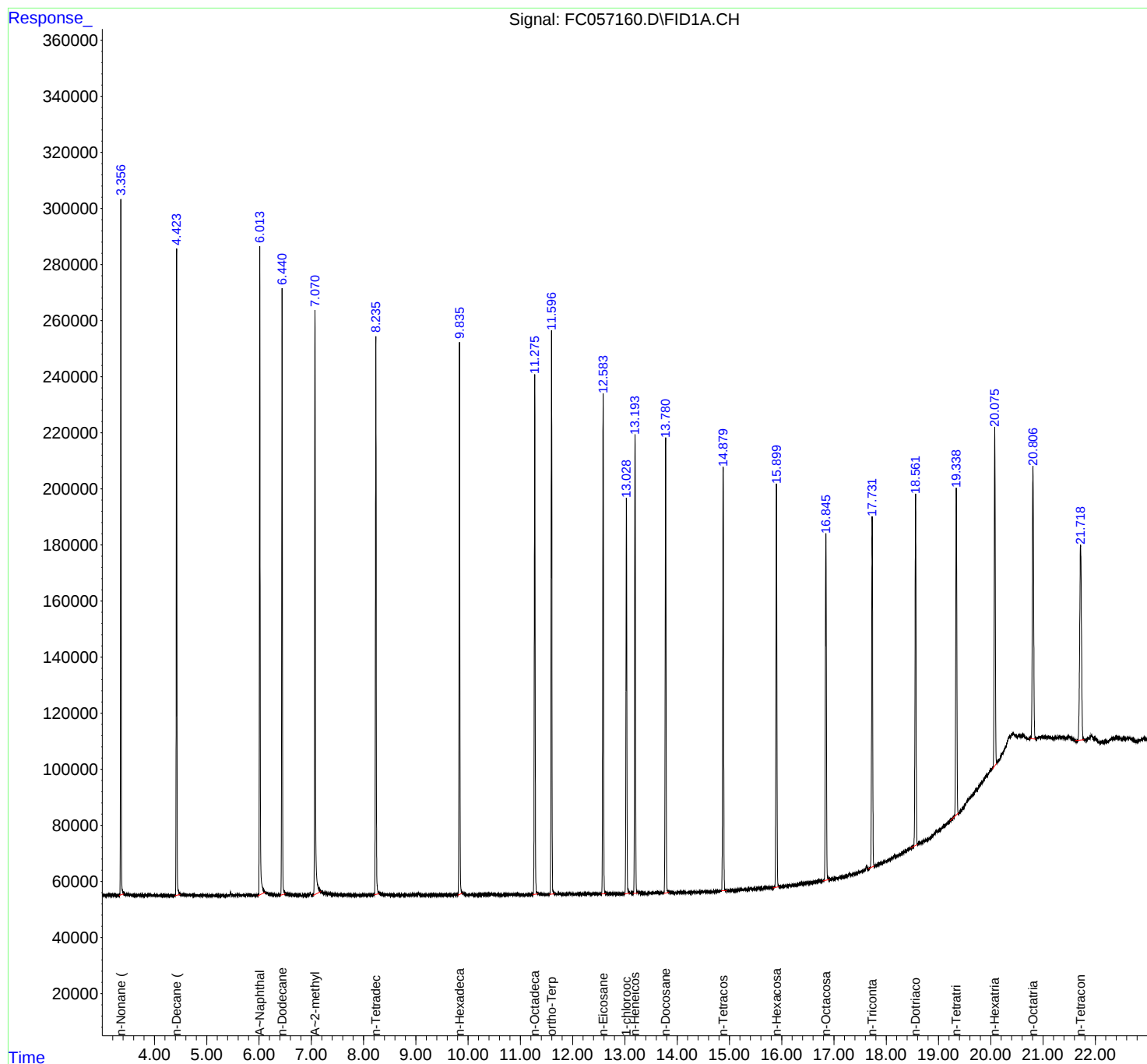
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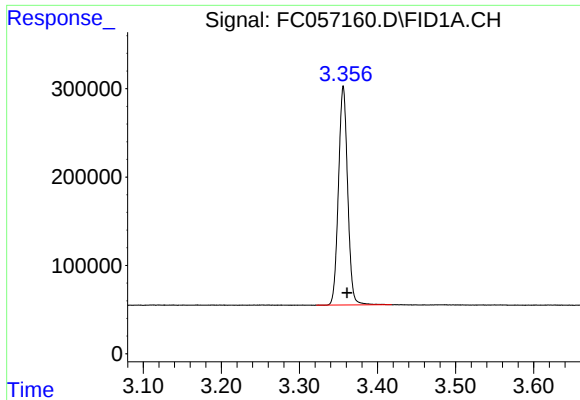
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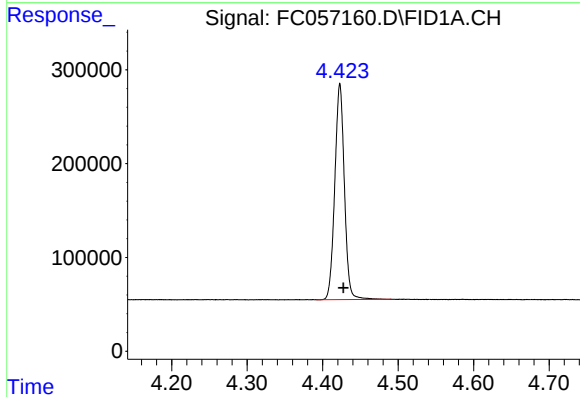
#1 n-Nonane (C9)

R.T.: 3.356 min
Delta R.T.: -0.005 min
Response: 2023172
Conc: 19.97 ug/ml

Instrument :
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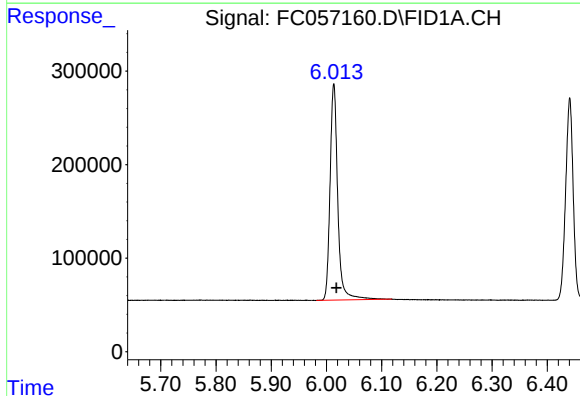
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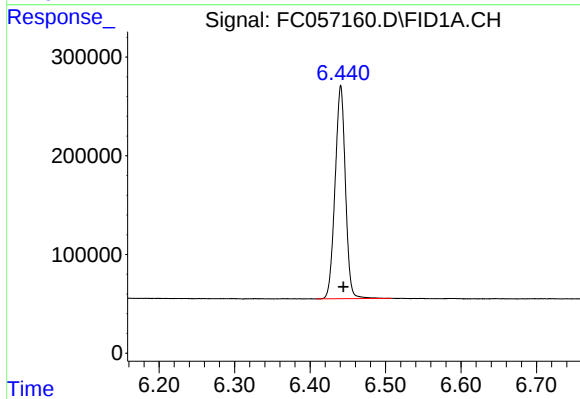
#2 n-Decane (C10)

R.T.: 4.423 min
Delta R.T.: -0.005 min
Response: 2035449
Conc: 20.33 ug/ml



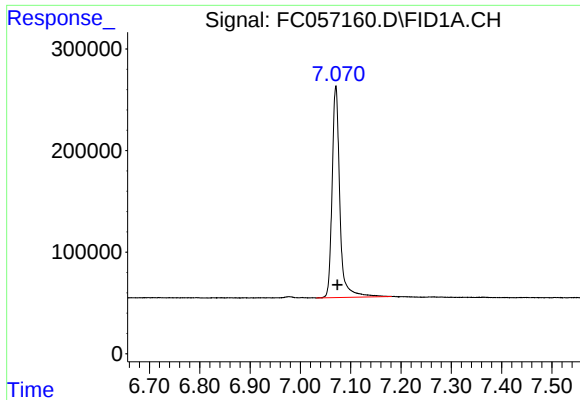
#3 A~Naphthalene (C11.7)

R.T.: 6.013 min
Delta R.T.: -0.004 min
Response: 2240890
Conc: 20.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.441 min
Delta R.T.: -0.004 min
Response: 2057889
Conc: 20.30 ug/ml



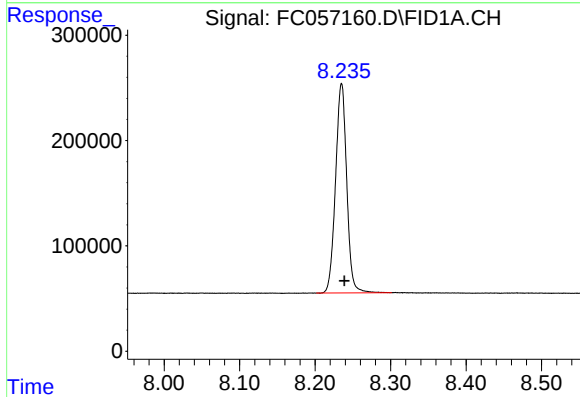
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 2224339
Conc: 20.17 ug/ml

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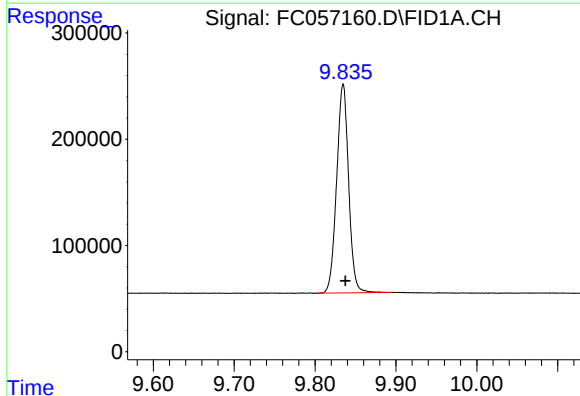
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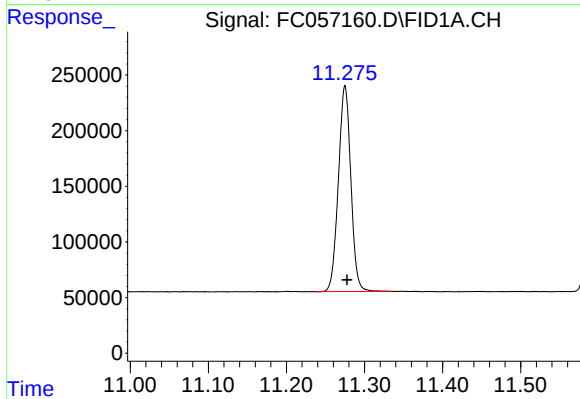
#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: -0.004 min
Response: 2045449
Conc: 20.19 ug/ml



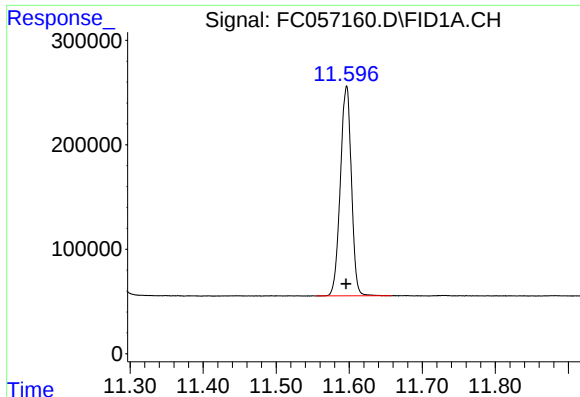
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: -0.003 min
Response: 2023991
Conc: 19.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.275 min
Delta R.T.: -0.003 min
Response: 2054618
Conc: 19.18 ug/ml



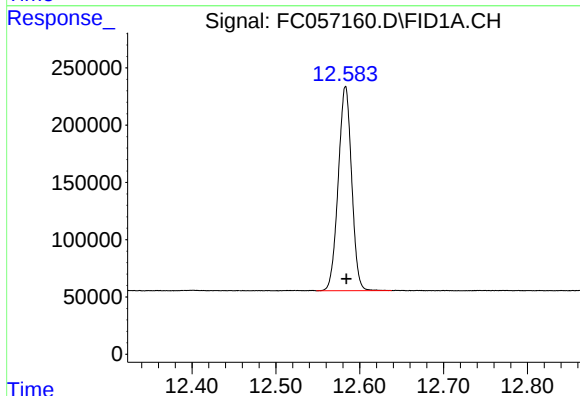
#9 ortho-Terphenyl (SURR)

R.T.: 11.596 min
Delta R.T.: 0.000 min
Response: 2114186
Conc: 18.22 ug/ml

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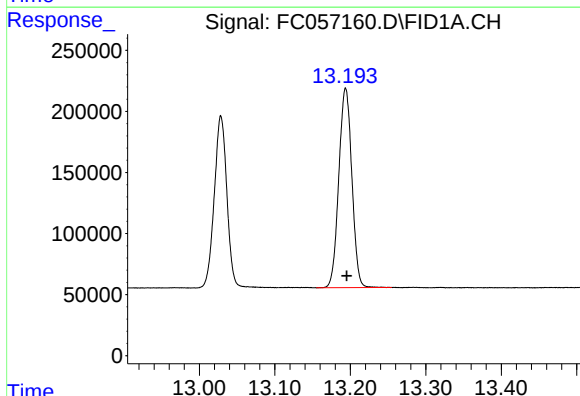
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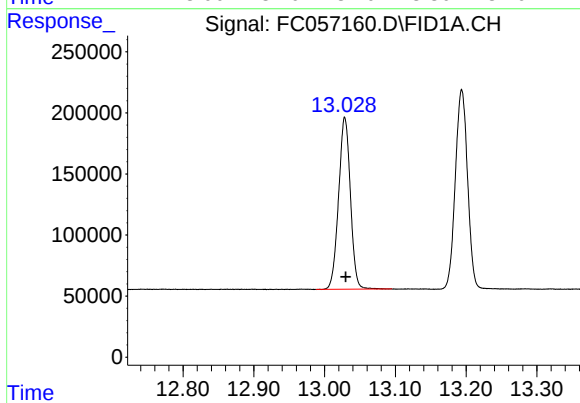
#10 n-Eicosane (C20)

R.T.: 12.583 min
Delta R.T.: -0.001 min
Response: 1976708
Conc: 18.48 ug/ml



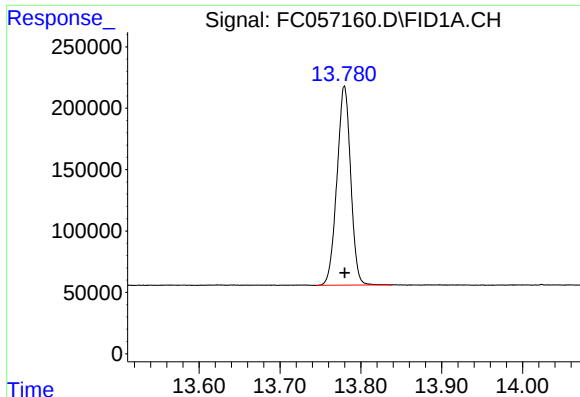
#11 n-Heneicosane (C21)

R.T.: 13.194 min
Delta R.T.: -0.002 min
Response: 1961780
Conc: 18.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.029 min
Delta R.T.: -0.001 min
Response: 1633570
Conc: 17.94 ug/ml



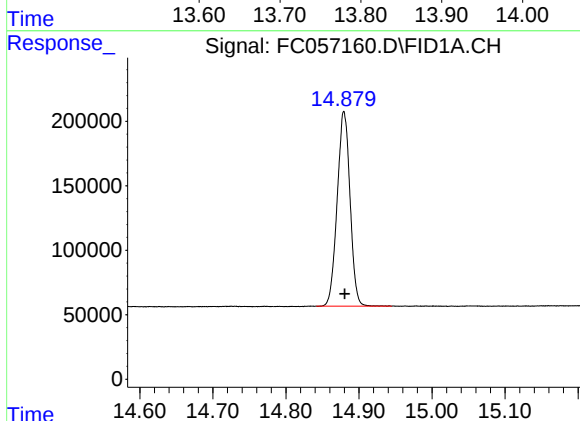
#13 n-Docosane (C22)

R.T.: 13.780 min
Delta R.T.: 0.000 min
Response: 1912450
Conc: 17.85 ug/ml

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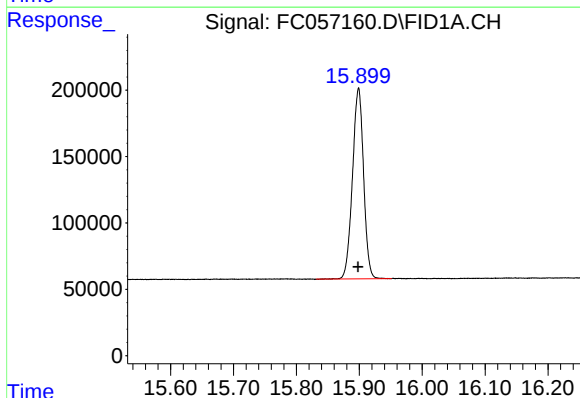
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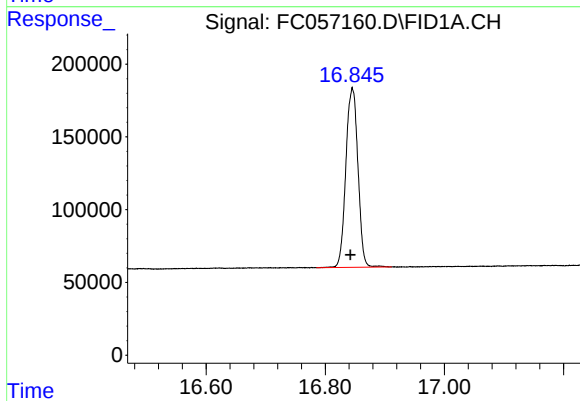
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: -0.001 min
Response: 1845484
Conc: 17.05 ug/ml



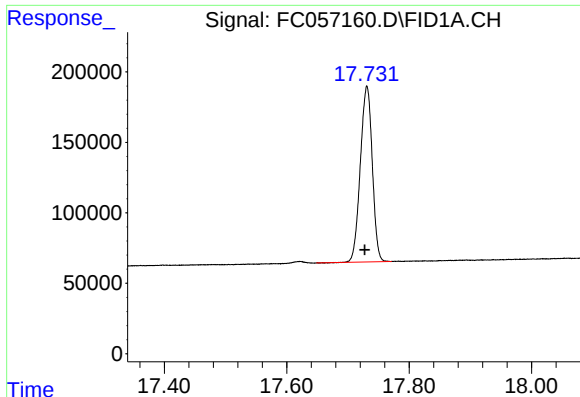
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: 0.000 min
Response: 1762135
Conc: 16.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.845 min
Delta R.T.: 0.003 min
Response: 1730373
Conc: 16.22 ug/ml



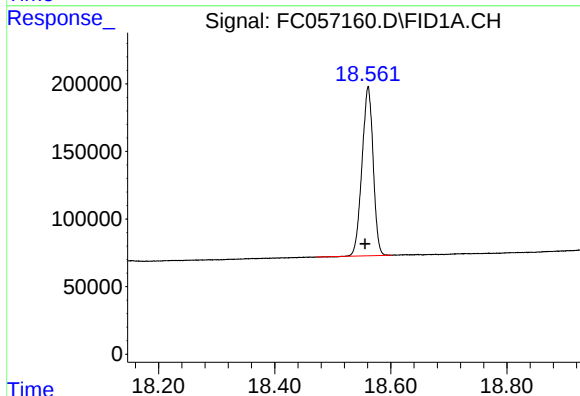
#17 n-Tricontane (C30)

R.T.: 17.731 min
Delta R.T.: 0.004 min
Response: 1690136
Conc: 15.86 ug/ml

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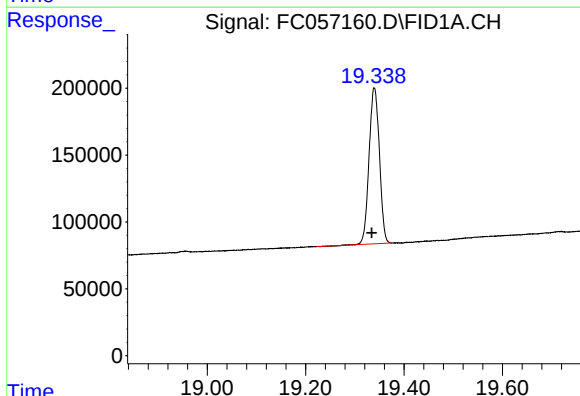
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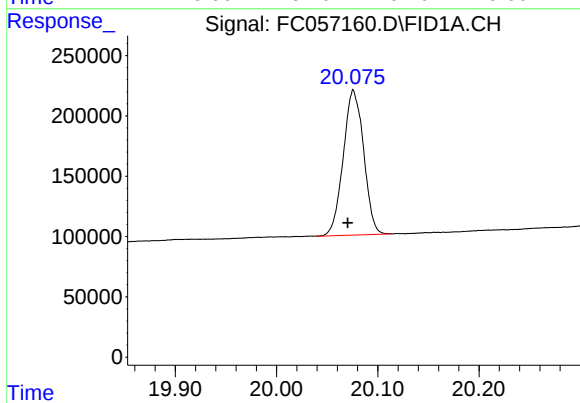
#18 n-Dotriacontane (C32)

R.T.: 18.561 min
Delta R.T.: 0.005 min
Response: 1666515
Conc: 15.80 ug/ml



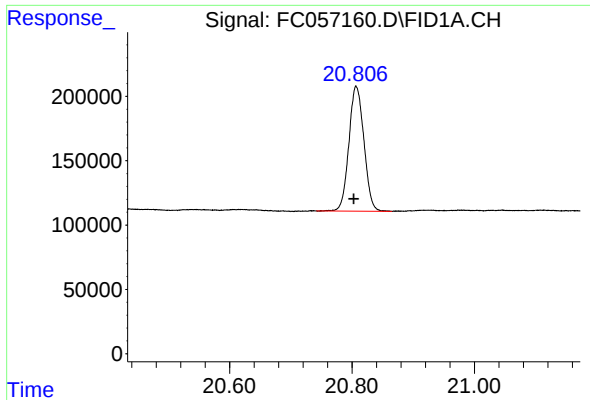
#19 n-Tetratriacontane (C34)

R.T.: 19.340 min
Delta R.T.: 0.005 min
Response: 1697164
Conc: 16.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.075 min
Delta R.T.: 0.005 min
Response: 1683808
Conc: 16.67 ug/ml m



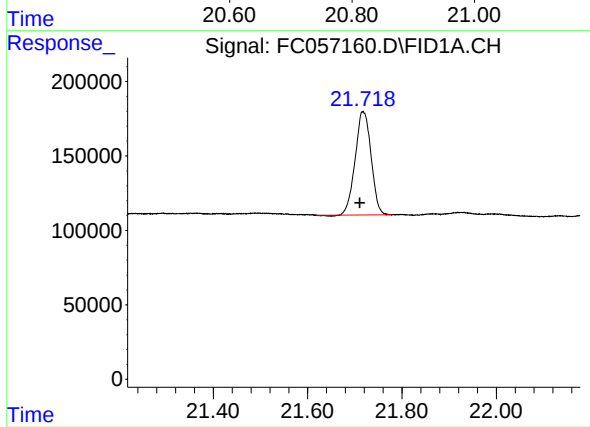
#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: 0.004 min
Response: 1654127
Conc: 18.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.718 min
Delta R.T.: 0.007 min
Response: 1624364
Conc: 18.03 ug/ml