

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010622AL\
 Data File : FC057760.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jan 2022 19:48
 Operator : AJ\MA
 Sample : N1038-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 RP-RB21137-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/07/2022
 Supervised By :Ankita Jodhani 01/07/2022

Integration File: autoint1.e
 Quant Time: Jan 07 01:00:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 2022
 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)	10.711	6799471	35.164 ug/ml
Spiked Amount 50.000		Recovery =	70.33%
12) S 1-chlorooctadecane (S...	12.148	5147605	34.926 ug/ml
Spiked Amount 50.000		Recovery =	69.85%
Target Compounds			
1) T n-Nonane (C9)	2.639	4951830	30.966 ug/ml
2) T n-Decane (C10)	3.630	5598920	34.834 ug/ml
3) T A~Naphthalene (C11.7)	5.165	6848593	37.716 ug/ml
4) T n-Dodecane (C12)	5.600	6088675	37.753 ug/ml
5) T A~2-methylnaphthalene...	6.206	6944124	37.974 ug/ml
6) T n-Tetradecane (C14)	7.383	6672470	40.416 ug/ml
7) T n-Hexadecane (C16)	8.973	7464475	44.687 ug/ml
8) T n-Octadecane (C18)	10.408	7607401	44.207 ug/ml
10) T n-Eicosane (C20)	11.711	7733774	45.175 ug/ml
11) T n-Heneicosane (C21)	12.319	7386132	42.713 ug/ml
13) T n-Docosane (C22)	12.903	7410791	42.836 ug/ml
14) T n-Tetracosane (C24)	14.000	6959346	40.202 ug/ml
15) T n-Hexacosane (C26)	15.021	6629541	39.394 ug/ml
16) T n-Octacosane (C28)	15.964	6460639	39.480 ug/ml
17) T n-Tricontane (C30)	16.850	6179924	39.583 ug/mlm
18) T n-Dotriacontane (C32)	17.679	6025147	43.214 ug/ml
19) T n-Tetratriacontane (C34)	18.460	5470797	44.017 ug/ml
20) T n-Hexatriacontane (C36)	19.197	4606369	41.432 ug/ml
21) T n-Octatriacontane (C38)	19.903	4332679	41.535 ug/ml
22) T n-Tetracontane (C40)	20.730	4417095	46.131 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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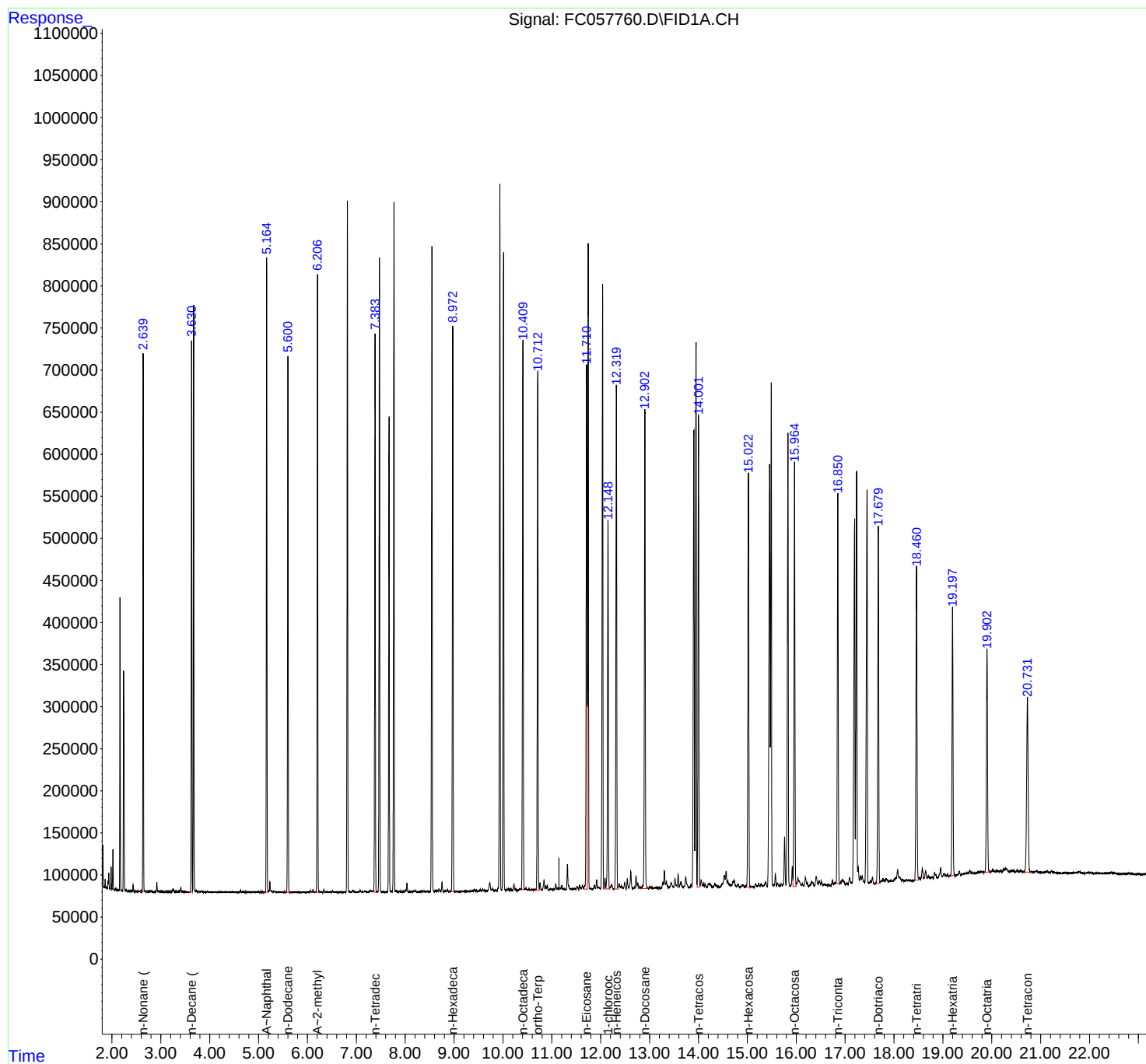
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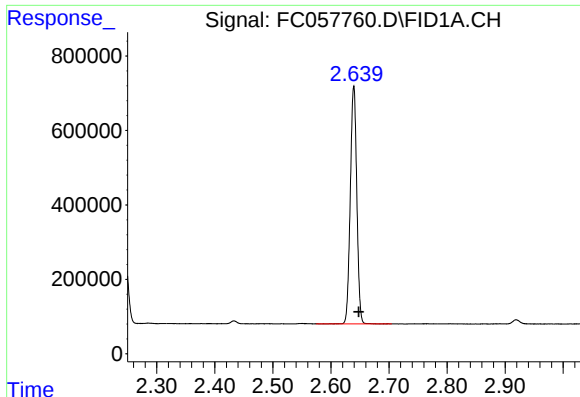
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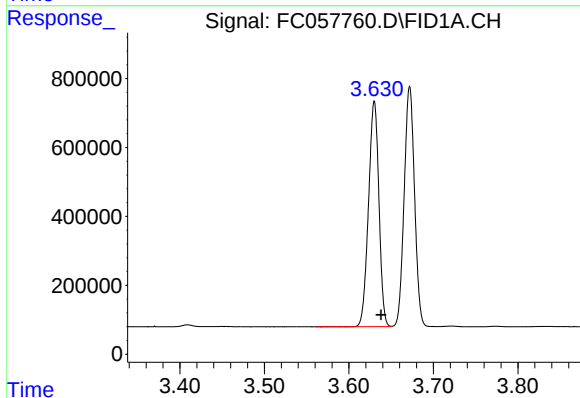
#1 n-Nonane (C9)

R.T.: 2.639 min
Delta R.T.: -0.009 min
Response: 4951830
Conc: 30.97 ug/ml

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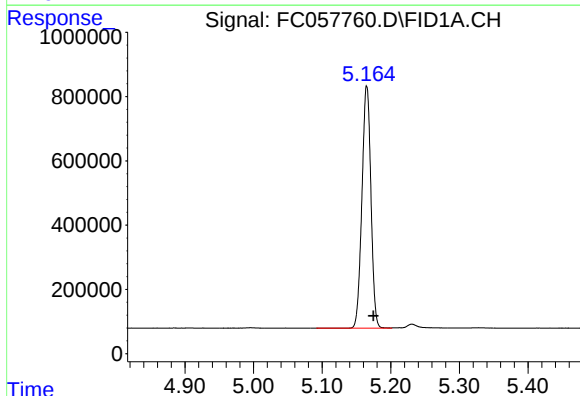
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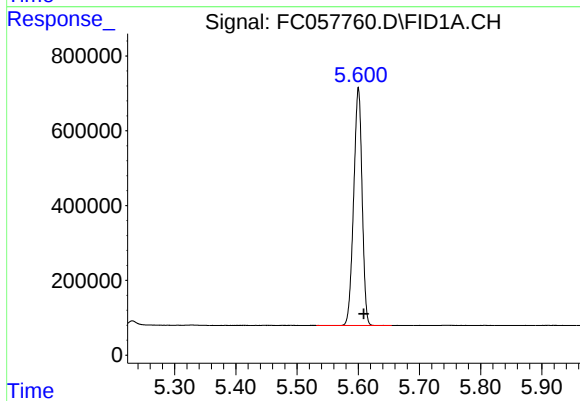
#2 n-Decane (C10)

R.T.: 3.630 min
Delta R.T.: -0.008 min
Response: 5598920
Conc: 34.83 ug/ml



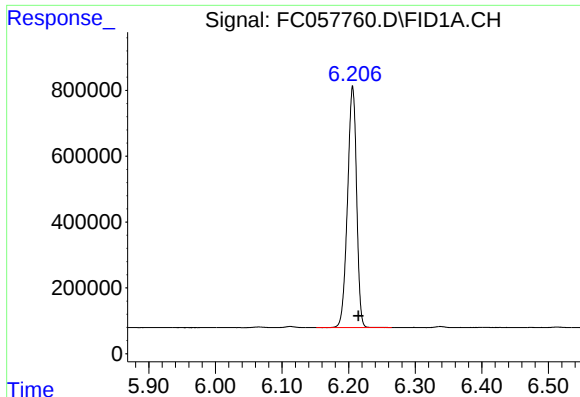
#3 A~Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: -0.010 min
Response: 6848593
Conc: 37.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.600 min
Delta R.T.: -0.009 min
Response: 6088675
Conc: 37.75 ug/ml



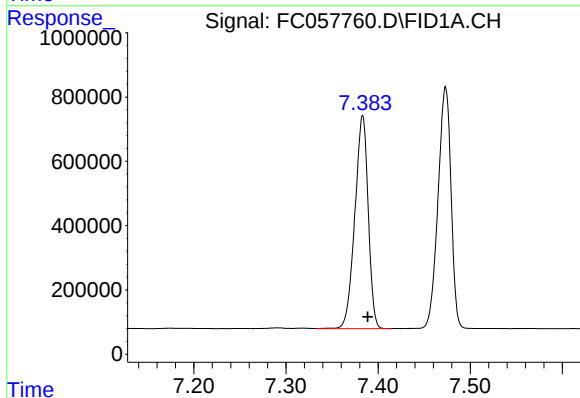
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.206 min
Delta R.T.: -0.009 min
Response: 6944124
Conc: 37.97 ug/ml

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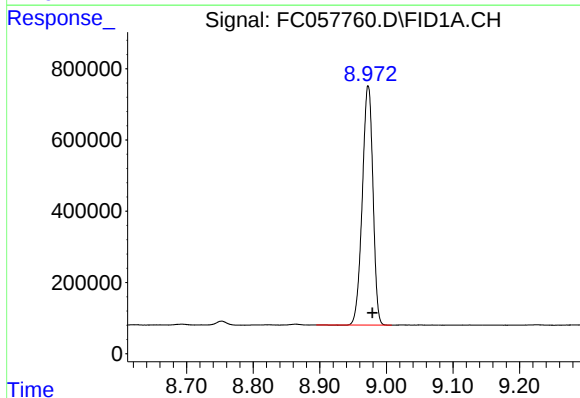
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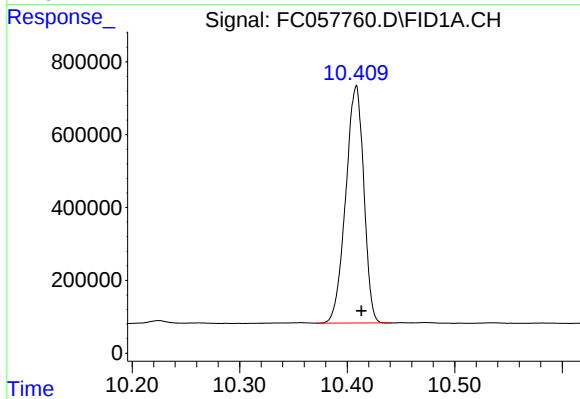
#6 n-Tetradecane (C14)

R.T.: 7.383 min
Delta R.T.: -0.006 min
Response: 6672470
Conc: 40.42 ug/ml



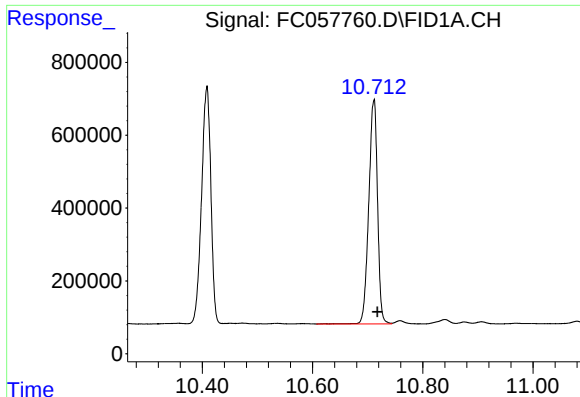
#7 n-Hexadecane (C16)

R.T.: 8.973 min
Delta R.T.: -0.006 min
Response: 7464475
Conc: 44.69 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.408 min
Delta R.T.: -0.005 min
Response: 7607401
Conc: 44.21 ug/ml



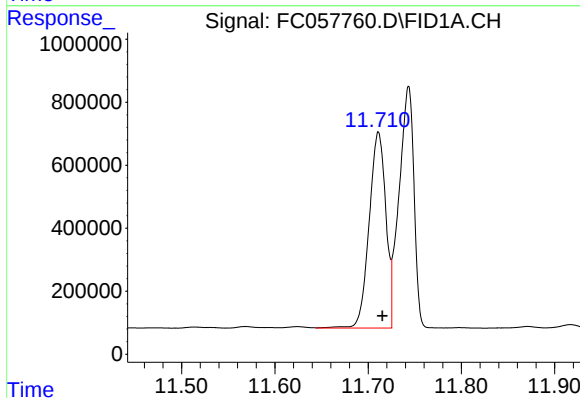
#9 ortho-Terphenyl (SURR)

R.T.: 10.711 min
Delta R.T.: -0.006 min
Response: 6799471
Conc: 35.16 ug/ml

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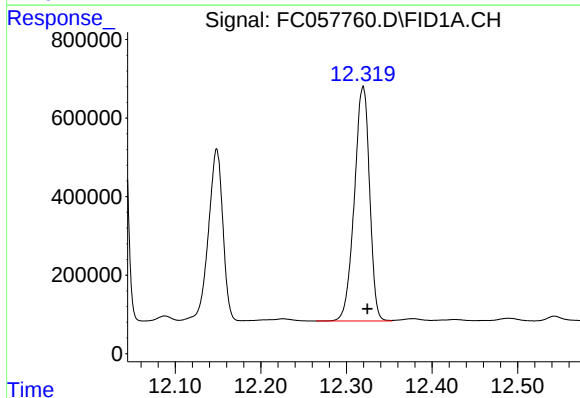
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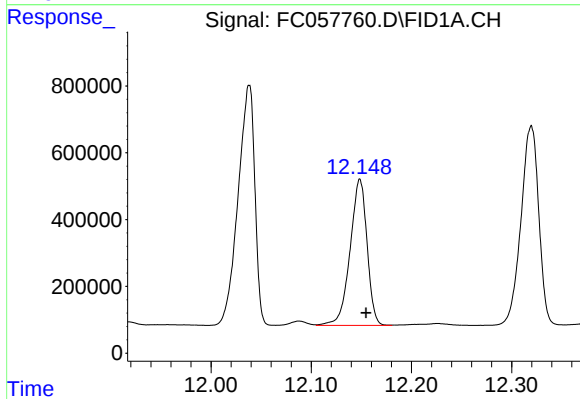
#10 n-Eicosane (C20)

R.T.: 11.711 min
Delta R.T.: -0.004 min
Response: 7733774
Conc: 45.18 ug/ml



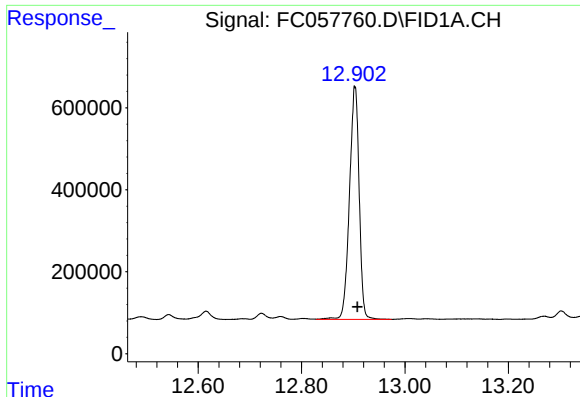
#11 n-Heneicosane (C21)

R.T.: 12.319 min
Delta R.T.: -0.005 min
Response: 7386132
Conc: 42.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.148 min
Delta R.T.: -0.006 min
Response: 5147605
Conc: 34.93 ug/ml



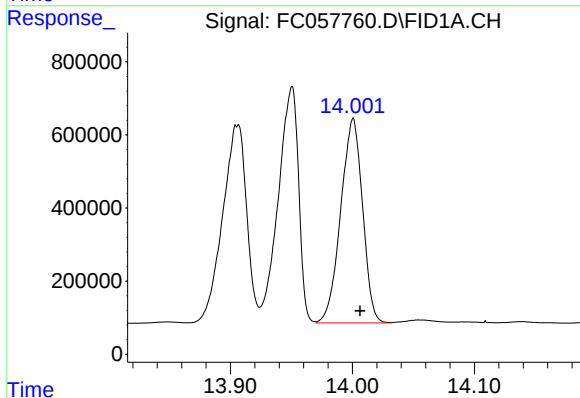
#13 n-Docosane (C22)

R.T.: 12.903 min
Delta R.T.: -0.005 min
Response: 7410791
Conc: 42.84 ug/ml

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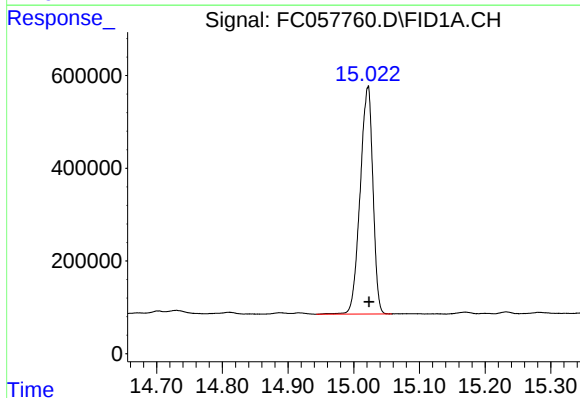
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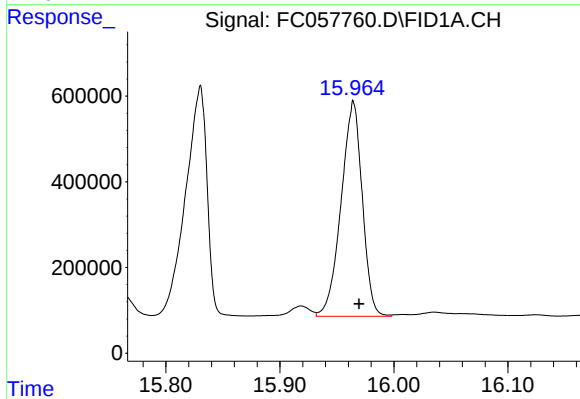
#14 n-Tetracosane (C24)

R.T.: 14.000 min
Delta R.T.: -0.006 min
Response: 6959346
Conc: 40.20 ug/ml



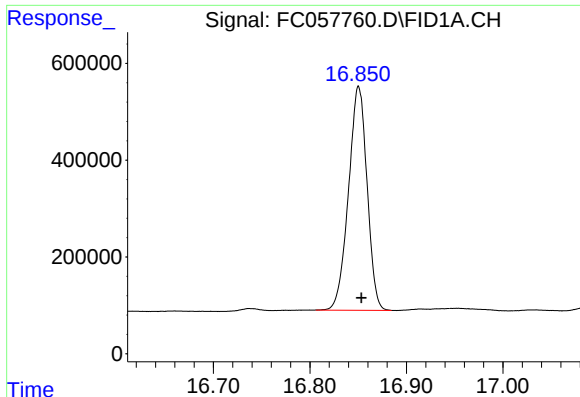
#15 n-Hexacosane (C26)

R.T.: 15.021 min
Delta R.T.: -0.002 min
Response: 6629541
Conc: 39.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.964 min
Delta R.T.: -0.005 min
Response: 6460639
Conc: 39.48 ug/ml



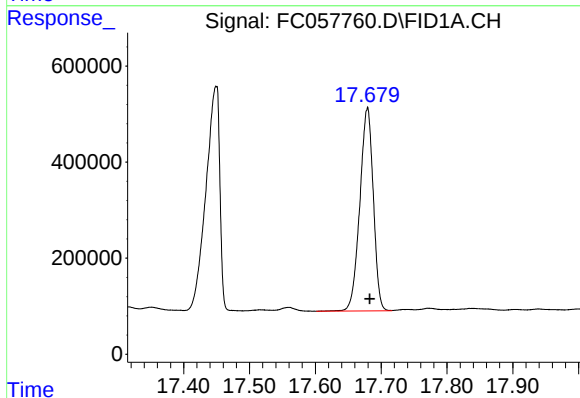
#17 n-Tricontane (C30)

R.T.: 16.850 min
Delta R.T.: -0.004 min
Response: 6179924
Conc: 39.58 ug/ml

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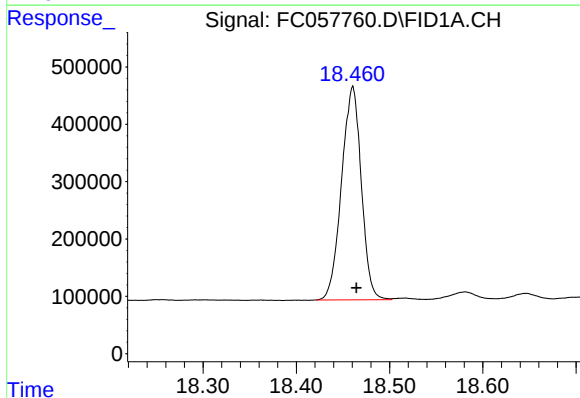
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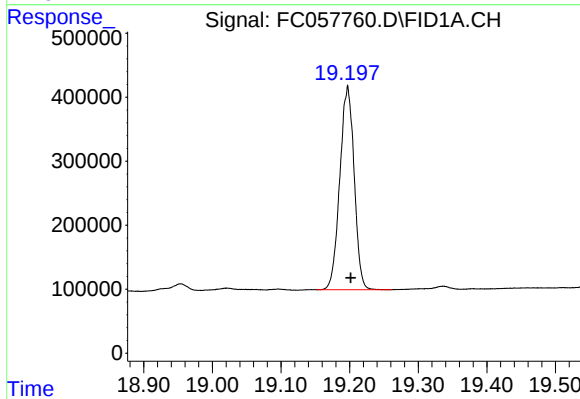
#18 n-Dotriacontane (C32)

R.T.: 17.679 min
Delta R.T.: -0.004 min
Response: 6025147
Conc: 43.21 ug/ml



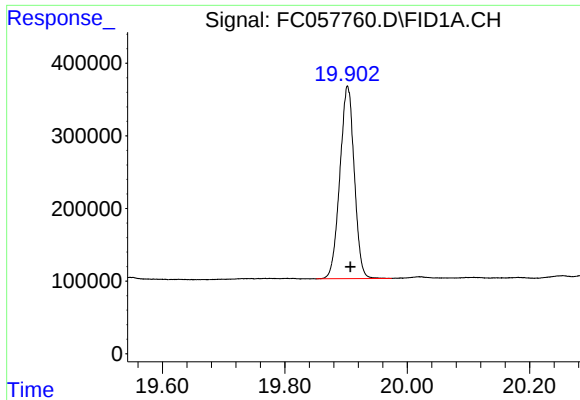
#19 n-Tetratriacontane (C34)

R.T.: 18.460 min
Delta R.T.: -0.004 min
Response: 5470797
Conc: 44.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.197 min
Delta R.T.: -0.005 min
Response: 4606369
Conc: 41.43 ug/ml



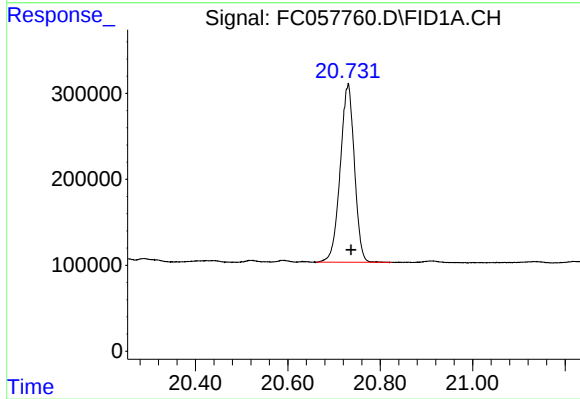
#21 n-Octatriacontane (C38)

R.T.: 19.903 min
Delta R.T.: -0.005 min
Response: 4332679
Conc: 41.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.730 min
Delta R.T.: -0.007 min
Response: 4417095
Conc: 46.13 ug/ml