

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120621AL\
 Data File : FC057223.D
 Signal(s) : FID1A.CH
 Acq On : 06 Dec 2021 12:15
 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 12/07/2021
 Supervised By :mohammad ahmed 12/07/2021

Integration File: autoint1.e
 Quant Time: Dec 07 00:50:13 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)	11.588	2520287	21.718 ug/ml
Spiked Amount 50.000		Recovery =	43.44%
12) S 1-chlorooctadecane (S...	13.019	1946891	21.386 ug/ml
Spiked Amount 50.000		Recovery =	42.77%
Target Compounds			
1) T n-Nonane (C9)	3.350	2362806	23.318 ug/ml
2) T n-Decane (C10)	4.416	2417889	24.145 ug/ml
3) T A~Naphthalene (C11.7)	6.006	2658299	23.807 ug/ml
4) T n-Dodecane (C12)	6.434	2442081	24.086 ug/ml
5) T A~2-methylnaphthalene...	7.063	2660066	24.125 ug/ml
6) T n-Tetradecane (C14)	8.228	2434621	24.029 ug/ml
7) T n-Hexadecane (C16)	9.828	2413403	23.519 ug/ml
8) T n-Octadecane (C18)	11.268	2452833	22.894 ug/ml
10) T n-Eicosane (C20)	12.575	2370178	22.160 ug/ml
11) T n-Heneicosane (C21)	13.186	2343719	21.642 ug/ml
13) T n-Docosane (C22)	13.770	2302780	21.494 ug/ml
14) T n-Tetracosane (C24)	14.871	2233249	20.629 ug/ml
15) T n-Hexacosane (C26)	15.888	2140462	20.095 ug/ml
16) T n-Octacosane (C28)	16.836	2107766	19.760 ug/ml
17) T n-Tricontane (C30)	17.720	2070888	19.429 ug/ml
18) T n-Dotriacontane (C32)	18.550	2031697	19.261 ug/ml
19) T n-Tetratriacontane (C34)	19.329	2050447	19.737 ug/ml
20) T n-Hexatriacontane (C36)	20.067	2011139	19.911 ug/mlm
21) T n-Octatriacontane (C38)	20.796	1979290	21.562 ug/mlm
22) T n-Tetracontane (C40)	21.697	2022947	22.456 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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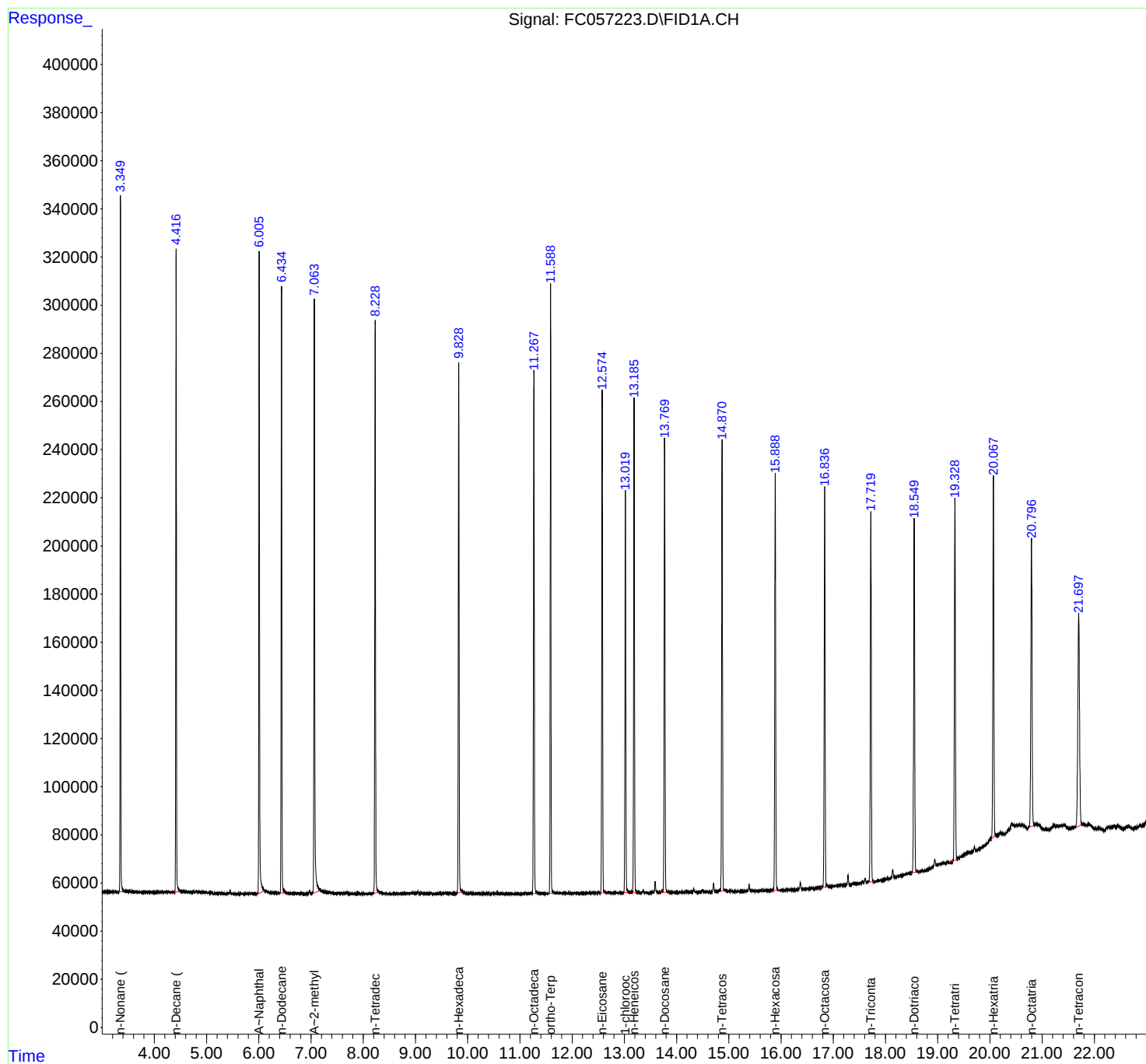
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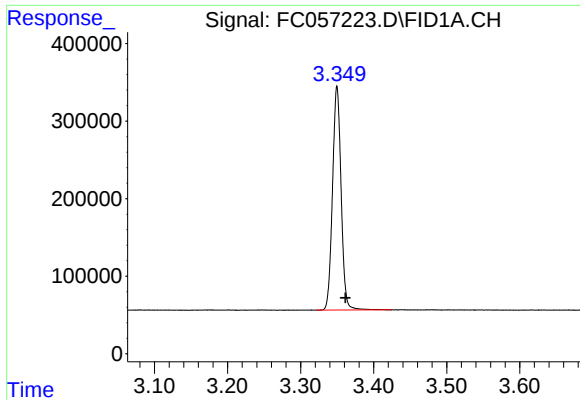
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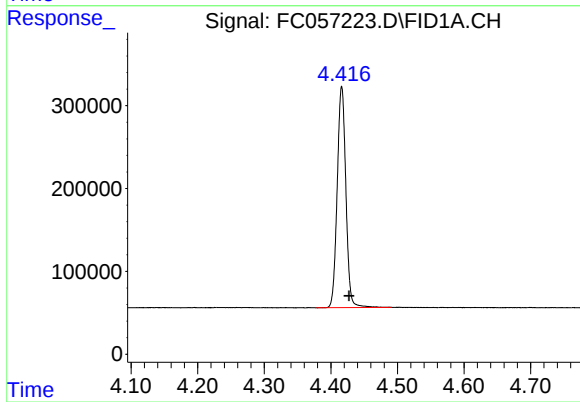
#1 n-Nonane (C9)

R.T.: 3.350 min
Delta R.T.: -0.011 min
Response: 2362806
Conc: 23.32 ug/ml

Instrument :
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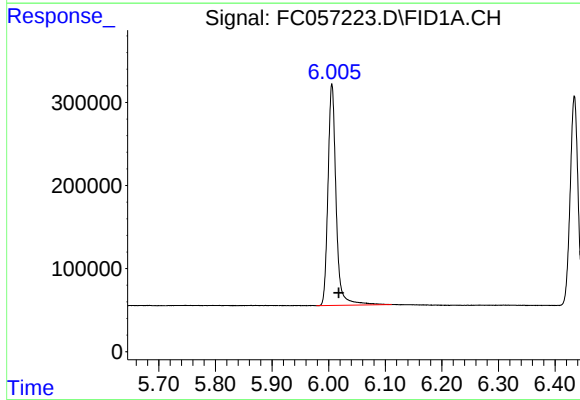
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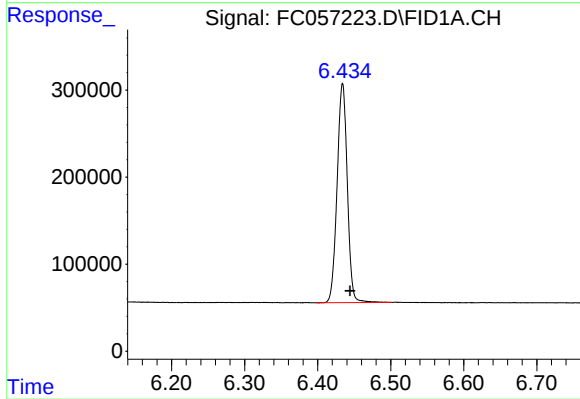
#2 n-Decane (C10)

R.T.: 4.416 min
Delta R.T.: -0.011 min
Response: 2417889
Conc: 24.15 ug/ml



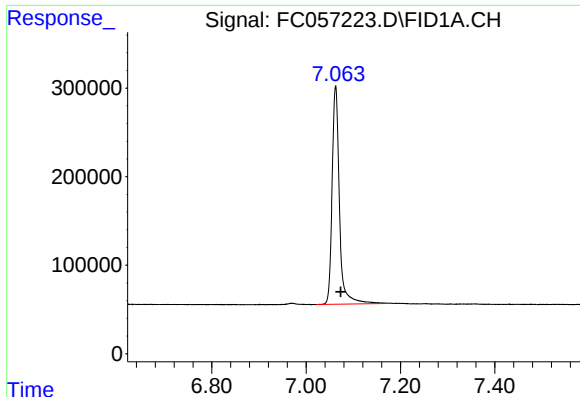
#3 A~Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: -0.012 min
Response: 2658299
Conc: 23.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.434 min
Delta R.T.: -0.010 min
Response: 2442081
Conc: 24.09 ug/ml



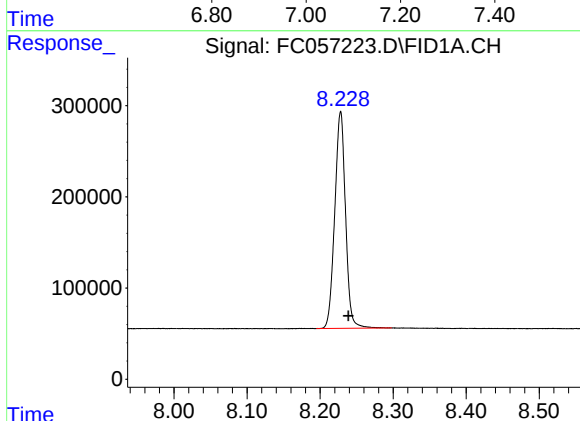
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.063 min
Delta R.T.: -0.011 min
Response: 2660066
Conc: 24.13 ug/ml

Instrument :
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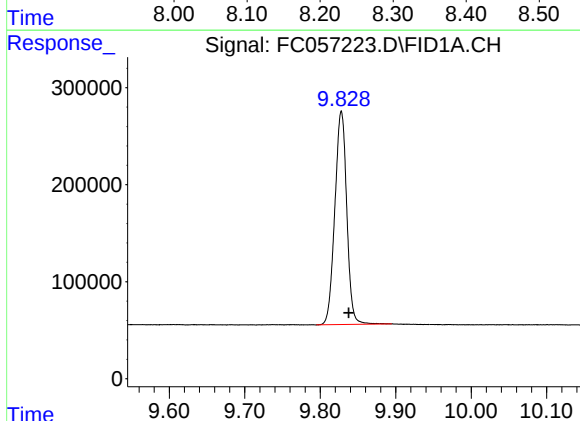
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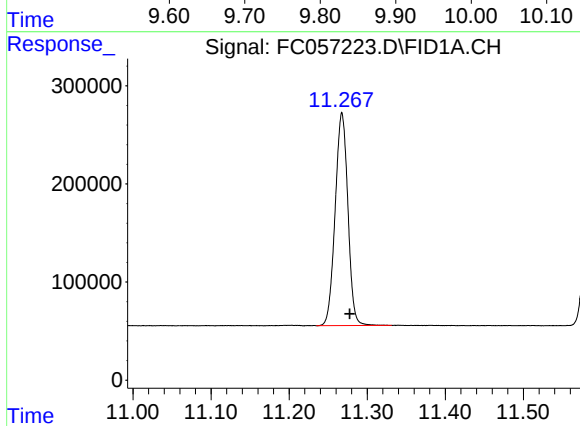
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: -0.011 min
Response: 2434621
Conc: 24.03 ug/ml



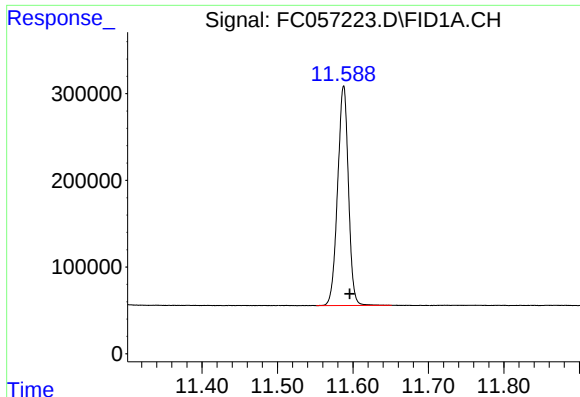
#7 n-Hexadecane (C16)

R.T.: 9.828 min
Delta R.T.: -0.010 min
Response: 2413403
Conc: 23.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.268 min
Delta R.T.: -0.010 min
Response: 2452833
Conc: 22.89 ug/ml



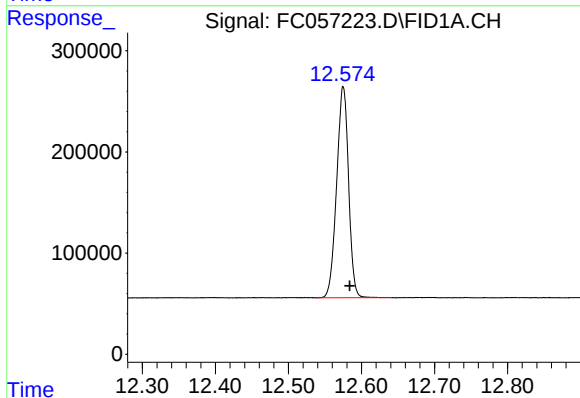
#9 ortho-Terphenyl (SURR)

R.T.: 11.588 min
Delta R.T.: -0.008 min
Response: 2520287
Conc: 21.72 ug/ml

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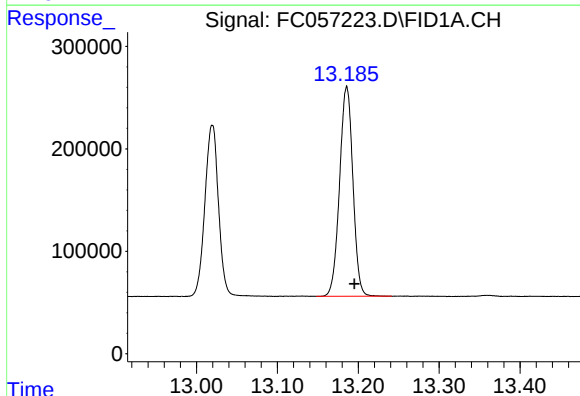
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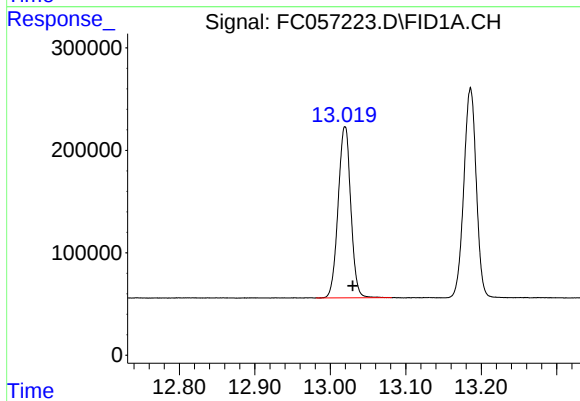
#10 n-Eicosane (C20)

R.T.: 12.575 min
Delta R.T.: -0.009 min
Response: 2370178
Conc: 22.16 ug/ml



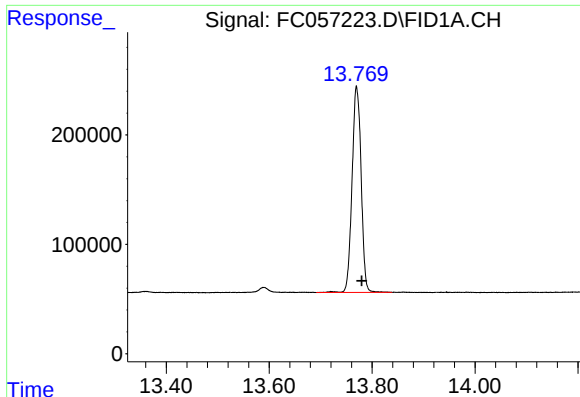
#11 n-Heneicosane (C21)

R.T.: 13.186 min
Delta R.T.: -0.010 min
Response: 2343719
Conc: 21.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.019 min
Delta R.T.: -0.011 min
Response: 1946891
Conc: 21.39 ug/ml



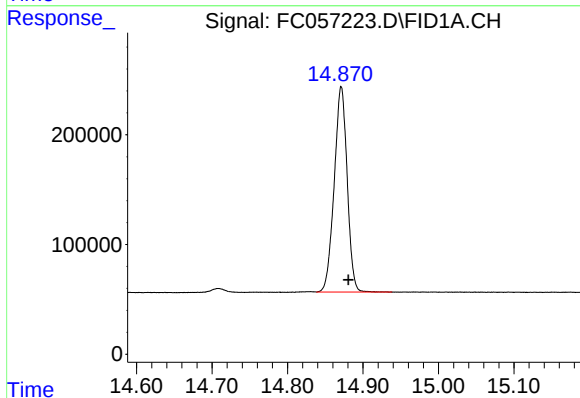
#13 n-Docosane (C22)

R.T.: 13.770 min
Delta R.T.: -0.010 min
Response: 2302780
Conc: 21.49 ug/ml

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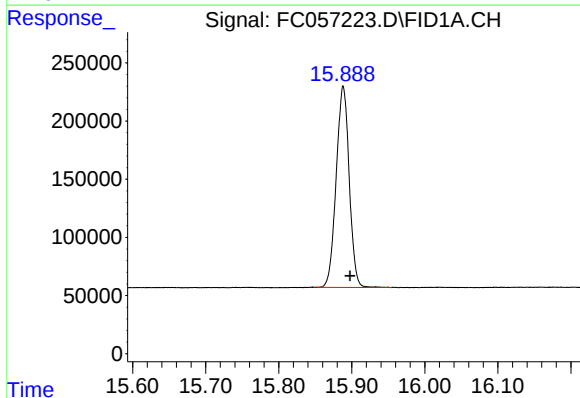
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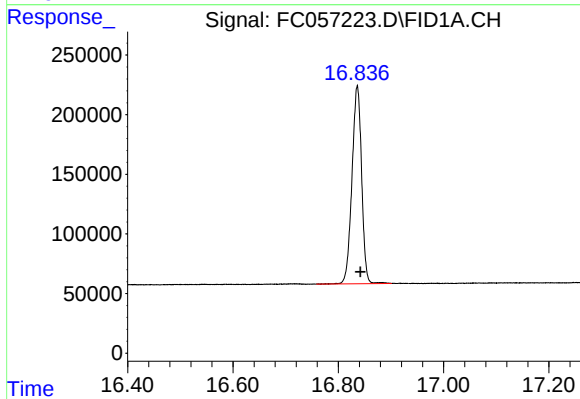
#14 n-Tetracosane (C24)

R.T.: 14.871 min
Delta R.T.: -0.009 min
Response: 2233249
Conc: 20.63 ug/ml



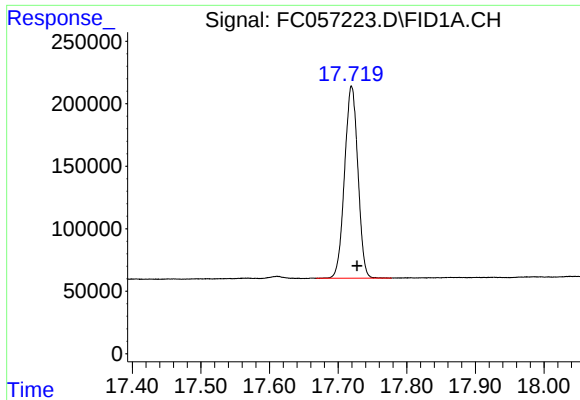
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: -0.010 min
Response: 2140462
Conc: 20.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.836 min
Delta R.T.: -0.006 min
Response: 2107766
Conc: 19.76 ug/ml



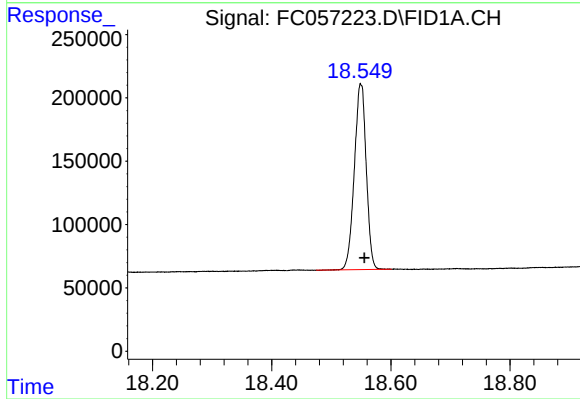
#17 n-Tricontane (C30)

R.T.: 17.720 min
Delta R.T.: -0.008 min
Response: 2070888
Conc: 19.43 ug/ml

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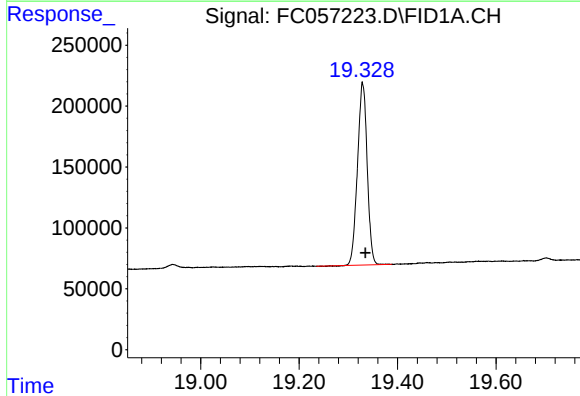
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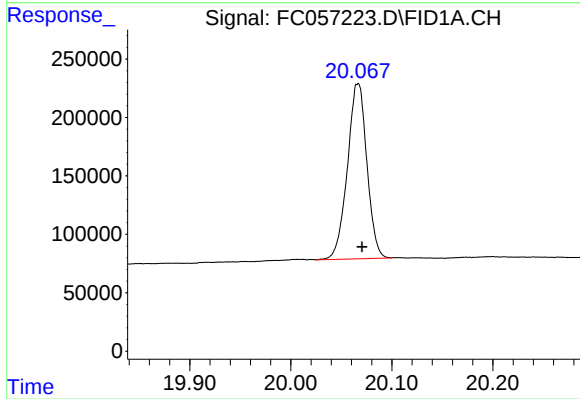
#18 n-Dotriacontane (C32)

R.T.: 18.550 min
Delta R.T.: -0.006 min
Response: 2031697
Conc: 19.26 ug/ml



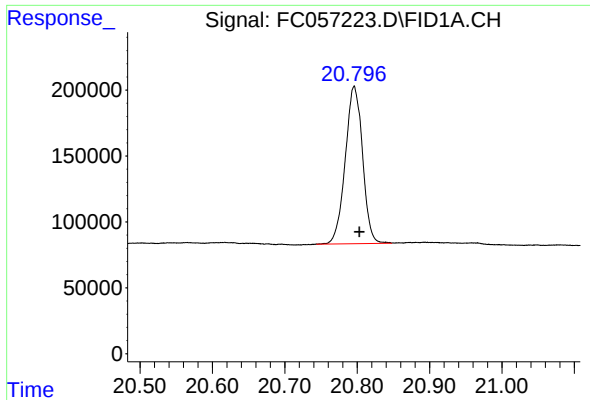
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: -0.005 min
Response: 2050447
Conc: 19.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.067 min
Delta R.T.: -0.004 min
Response: 2011139
Conc: 19.91 ug/ml m



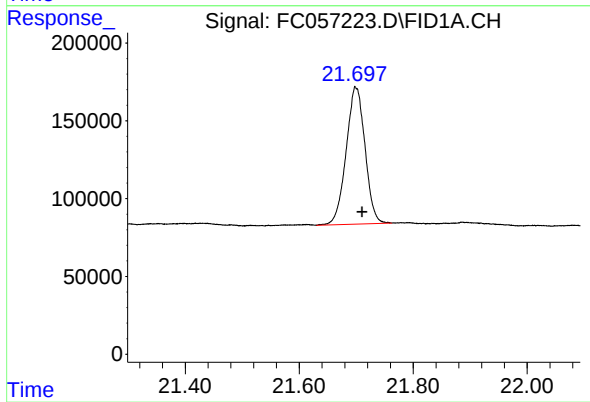
#21 n-Octatriacontane (C38)

R.T.: 20.796 min
Delta R.T.: -0.007 min
Response: 1979290
Conc: 21.56 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.697 min
Delta R.T.: -0.013 min
Response: 2022947
Conc: 22.46 ug/ml m