

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112421AL\
 Data File : FC057085.D
 Signal(s) : FID1A.CH
 Acq On : 25 Nov 2021 6:05
 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 11/26/2021
 Supervised By :mohammad ahmed 11/26/2021

Integration File: autoint1.e
 Quant Time: Nov 25 06:24:07 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	2333216	20.106 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
12) S 1-chlorooctadecane (S...	13.029	1808575	19.866 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T n-Nonane (C9)	3.357	2165198	21.367 ug/ml
2) T n-Decane (C10)	4.424	2193564	21.905 ug/ml
3) T A~Naphthalene (C11.7)	6.014	2435250	21.809 ug/ml
4) T n-Dodecane (C12)	6.442	2226192	21.956 ug/ml
5) T A~2-methylnaphthalene...	7.071	2427492	22.016 ug/ml
6) T n-Tetradecane (C14)	8.236	2218423	21.895 ug/ml
7) T n-Hexadecane (C16)	9.836	2200580	21.445 ug/ml
8) T n-Octadecane (C18)	11.276	2247219	20.975 ug/ml
10) T n-Eicosane (C20)	12.584	2177113	20.355 ug/ml
11) T n-Heneicosane (C21)	13.195	2162741	19.971 ug/ml
13) T n-Docosane (C22)	13.779	2112884	19.722 ug/ml
14) T n-Tetracosane (C24)	14.880	2047882	18.917 ug/ml
15) T n-Hexacosane (C26)	15.897	1950405	18.311 ug/ml
16) T n-Octacosane (C28)	16.844	1914212	17.946 ug/ml
17) T n-Tricontane (C30)	17.729	1928254	18.091 ug/ml
18) T n-Dotriacontane (C32)	18.558	1924611	18.246 ug/mlm
19) T n-Tetratriacontane (C34)	19.338	1934021	18.617 ug/mlm
20) T n-Hexatriacontane (C36)	20.073	1870453	18.518 ug/mlm
21) T n-Octatriacontane (C38)	20.807	1857553	20.236 ug/ml
22) T n-Tetracontane (C40)	21.715	1817866	20.180 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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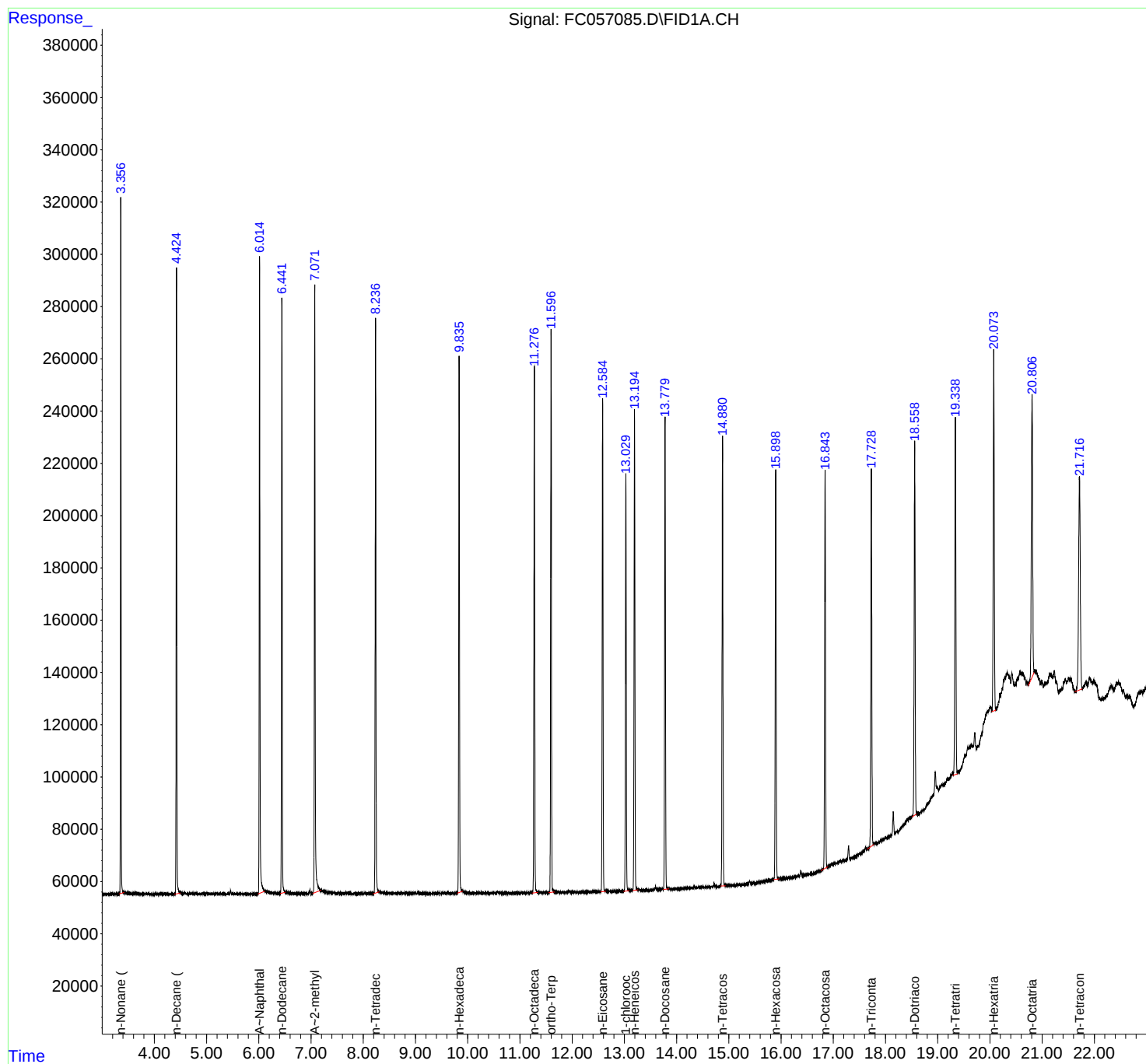
Instrument :
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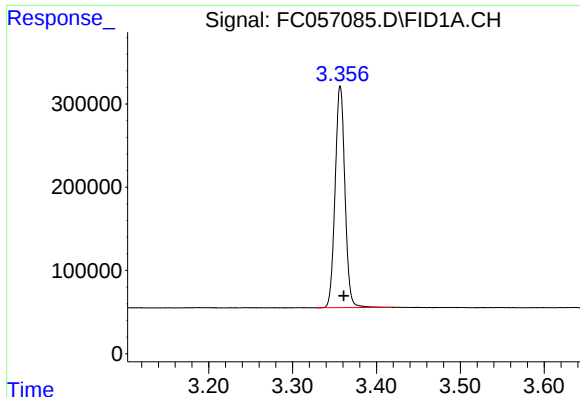
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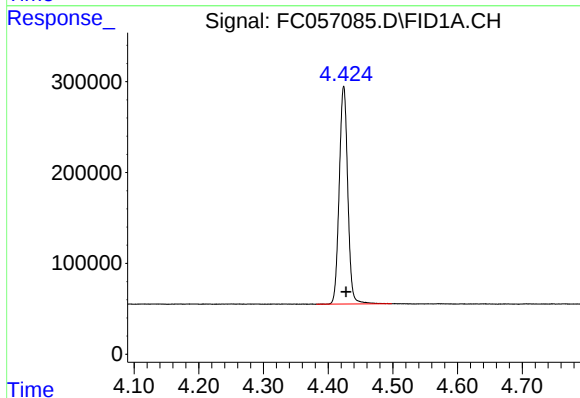
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: -0.004 min
Response: 2165198
Conc: 21.37 ug/ml

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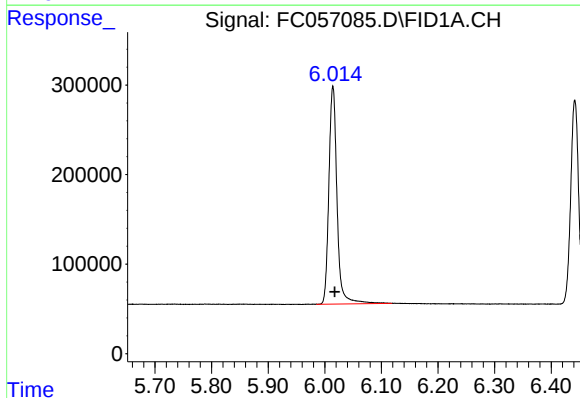
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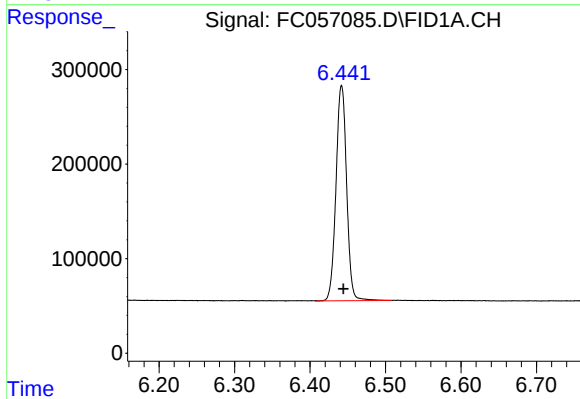
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.004 min
Response: 2193564
Conc: 21.91 ug/ml



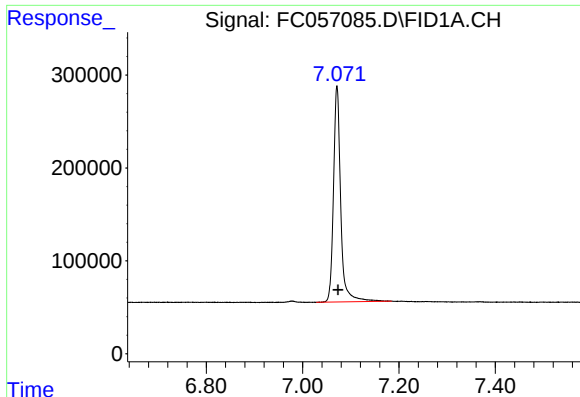
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.003 min
Response: 2435250
Conc: 21.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.442 min
Delta R.T.: -0.003 min
Response: 2226192
Conc: 21.96 ug/ml



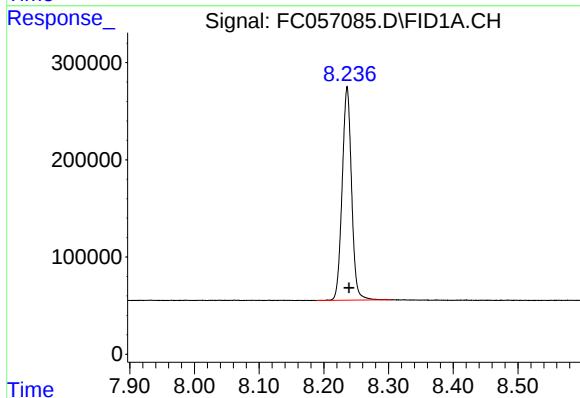
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.071 min
Delta R.T.: -0.002 min
Response: 2427492
Conc: 22.02 ug/ml

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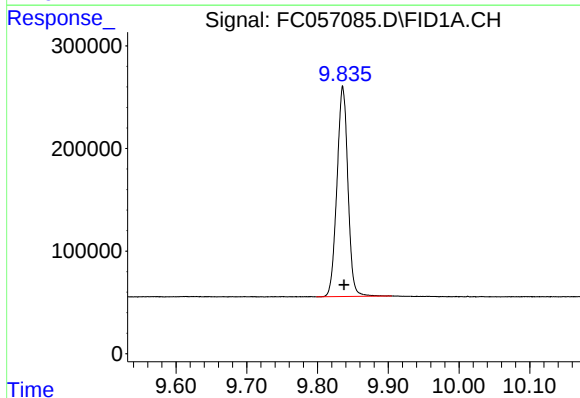
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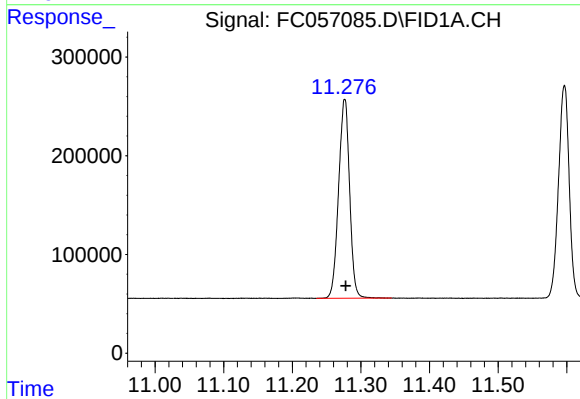
#6 n-Tetradecane (C14)

R.T.: 8.236 min
Delta R.T.: -0.003 min
Response: 2218423
Conc: 21.90 ug/ml



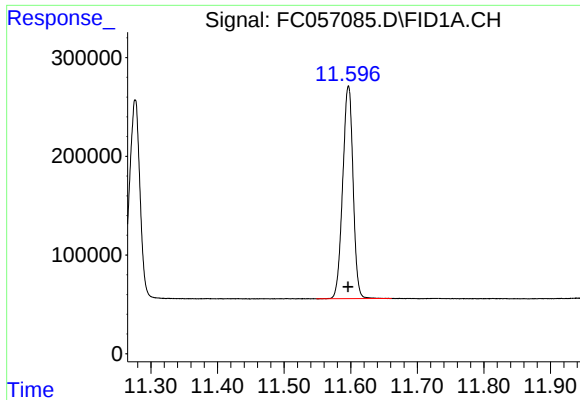
#7 n-Hexadecane (C16)

R.T.: 9.836 min
Delta R.T.: -0.002 min
Response: 2200580
Conc: 21.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.276 min
Delta R.T.: -0.002 min
Response: 2247219
Conc: 20.97 ug/ml



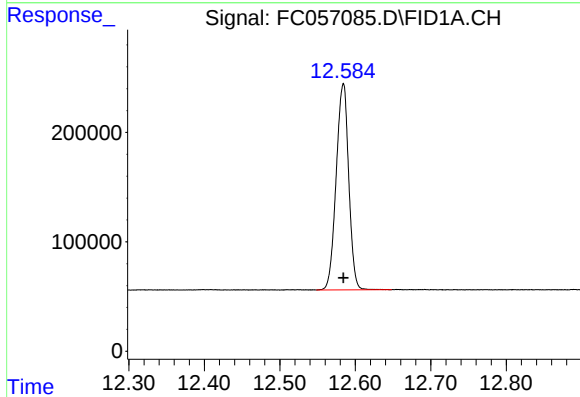
#9 ortho-Terphenyl (SURR)

R.T.: 11.596 min
Delta R.T.: 0.000 min
Response: 2333216
Conc: 20.11 ug/ml

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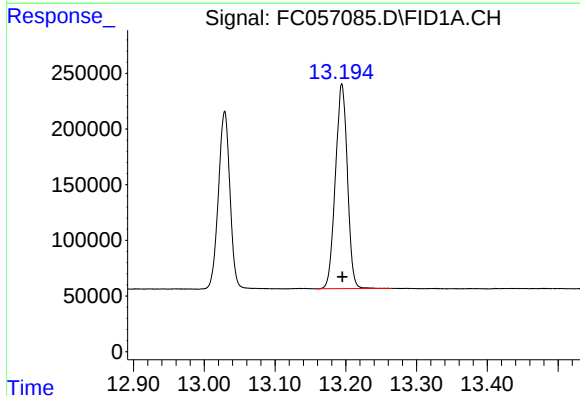
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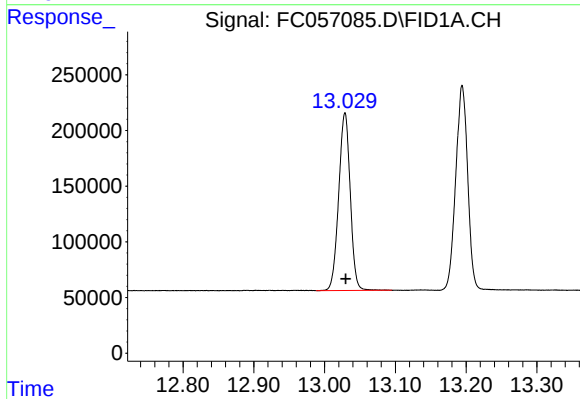
#10 n-Eicosane (C20)

R.T.: 12.584 min
Delta R.T.: 0.000 min
Response: 2177113
Conc: 20.36 ug/ml



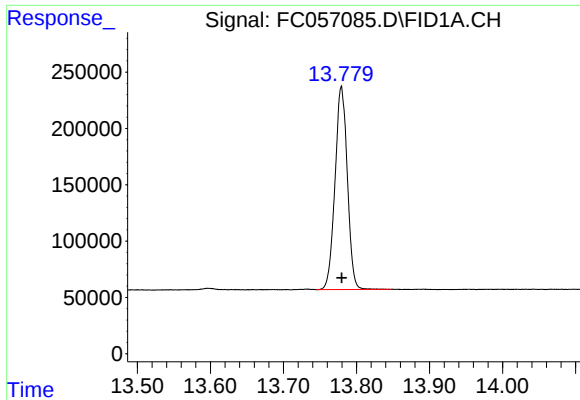
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: 0.000 min
Response: 2162741
Conc: 19.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.029 min
Delta R.T.: -0.001 min
Response: 1808575
Conc: 19.87 ug/ml



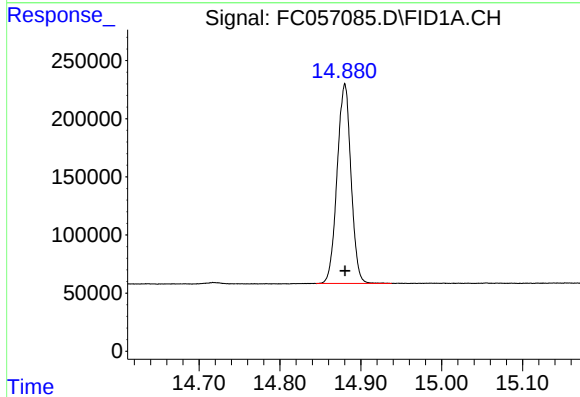
#13 n-Docosane (C22)

R.T.: 13.779 min
Delta R.T.: 0.000 min
Response: 2112884
Conc: 19.72 ug/ml

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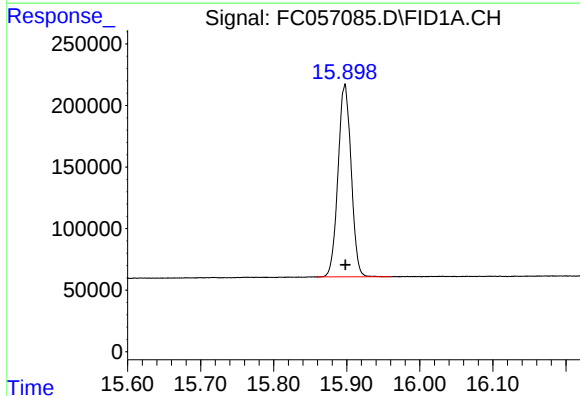
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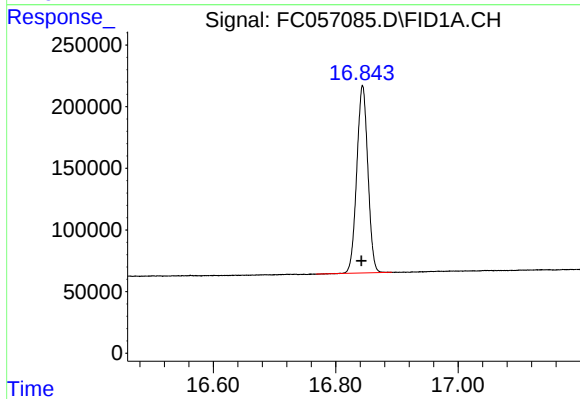
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: 0.000 min
Response: 2047882
Conc: 18.92 ug/ml



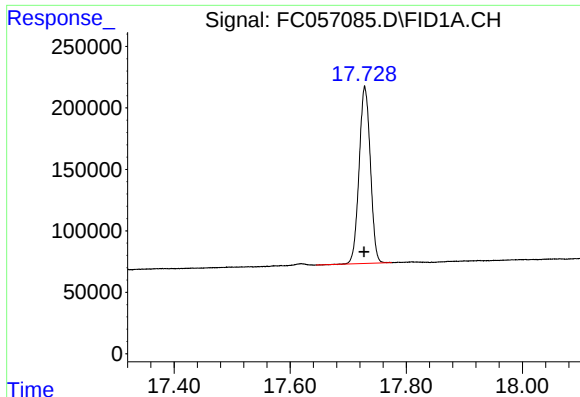
#15 n-Hexacosane (C26)

R.T.: 15.897 min
Delta R.T.: 0.000 min
Response: 1950405
Conc: 18.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.844 min
Delta R.T.: 0.002 min
Response: 1914212
Conc: 17.95 ug/ml



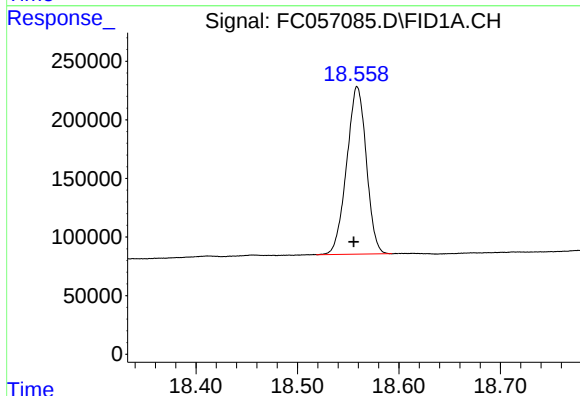
#17 n-Tricontane (C30)

R.T.: 17.729 min
Delta R.T.: 0.001 min
Response: 1928254
Conc: 18.09 ug/ml

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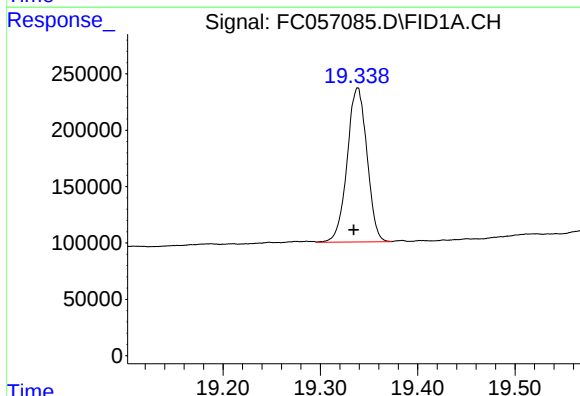
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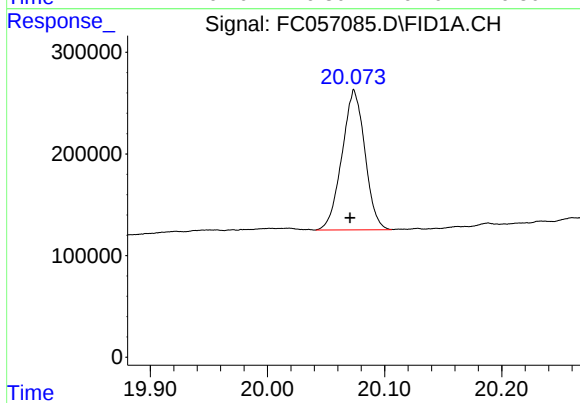
#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: 0.003 min
Response: 1924611
Conc: 18.25 ug/ml m



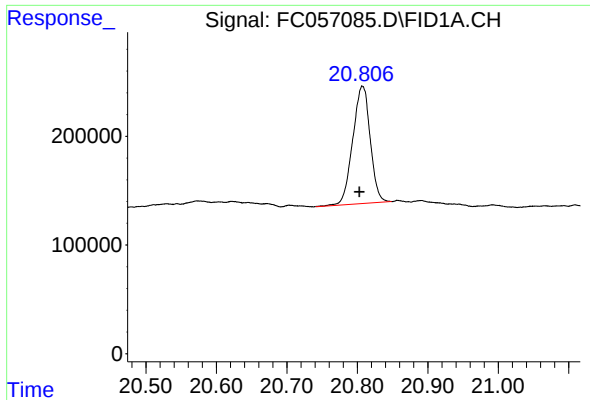
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.003 min
Response: 1934021
Conc: 18.62 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.073 min
Delta R.T.: 0.003 min
Response: 1870453
Conc: 18.52 ug/ml m



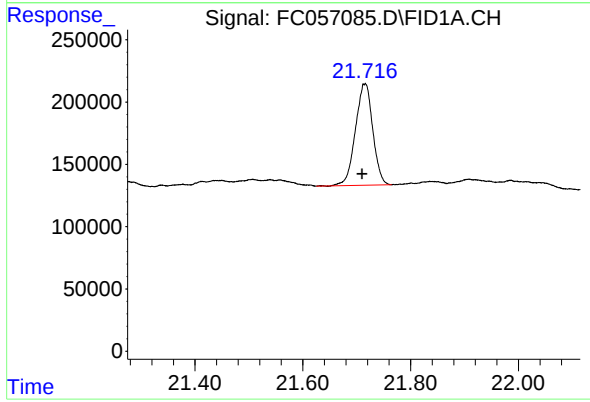
#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: 0.004 min
Response: 1857553
Conc: 20.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.715 min
Delta R.T.: 0.005 min
Response: 1817866
Conc: 20.18 ug/ml