

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011822AL\
 Data File : FC057997.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jan 2022 10:37
 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 :Yogesh Patel 01/19/2022
 Supervised By :Ankita Jodhani 01/19/2022

Integration File: autoint1.e
 Quant Time: Jan 19 11:01:43 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)	10.713	4029026	20.836 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
12) S 1-chlorooctadecane (S...	12.150	3083788	20.923 ug/ml
Spiked Amount 50.000		Recovery =	41.85%
Target Compounds			
1) T n-Nonane (C9)	2.635	3778144	23.626 ug/ml
2) T n-Decane (C10)	3.625	3837093	23.873 ug/ml
3) T A~Naphthalene (C11.7)	5.166	4287434	23.612 ug/ml
4) T n-Dodecane (C12)	5.598	3854537	23.900 ug/ml
5) T A~2-methylnaphthalene...	6.208	4283515	23.424 ug/ml
6) T n-Tetradecane (C14)	7.380	3891436	23.571 ug/ml
7) T n-Hexadecane (C16)	8.972	3832071	22.941 ug/ml
8) T n-Octadecane (C18)	10.407	3802371	22.096 ug/ml
10) T n-Eicosane (C20)	11.711	3621713	21.156 ug/ml
11) T n-Heneicosane (C21)	12.320	3589929	20.760 ug/ml
13) T n-Docosane (C22)	12.904	3509573	20.286 ug/ml
14) T n-Tetracosane (C24)	14.002	3389922	19.583 ug/ml
15) T n-Hexacosane (C26)	15.018	3258466	19.362 ug/ml
16) T n-Octacosane (C28)	15.964	3237575	19.784 ug/ml
17) T n-Tricontane (C30)	16.849	3186922	20.413 ug/ml
18) T n-Dotriacontane (C32)	17.679	2940340	21.089 ug/ml
19) T n-Tetratriacontane (C34)	18.462	2790456	22.451 ug/ml
20) T n-Hexatriacontane (C36)	19.198	2284675	20.549 ug/ml
21) T n-Octatriacontane (C38)	19.906	1919875	18.405 ug/ml
22) T n-Tetracontane (C40)	20.732	2119021	22.130 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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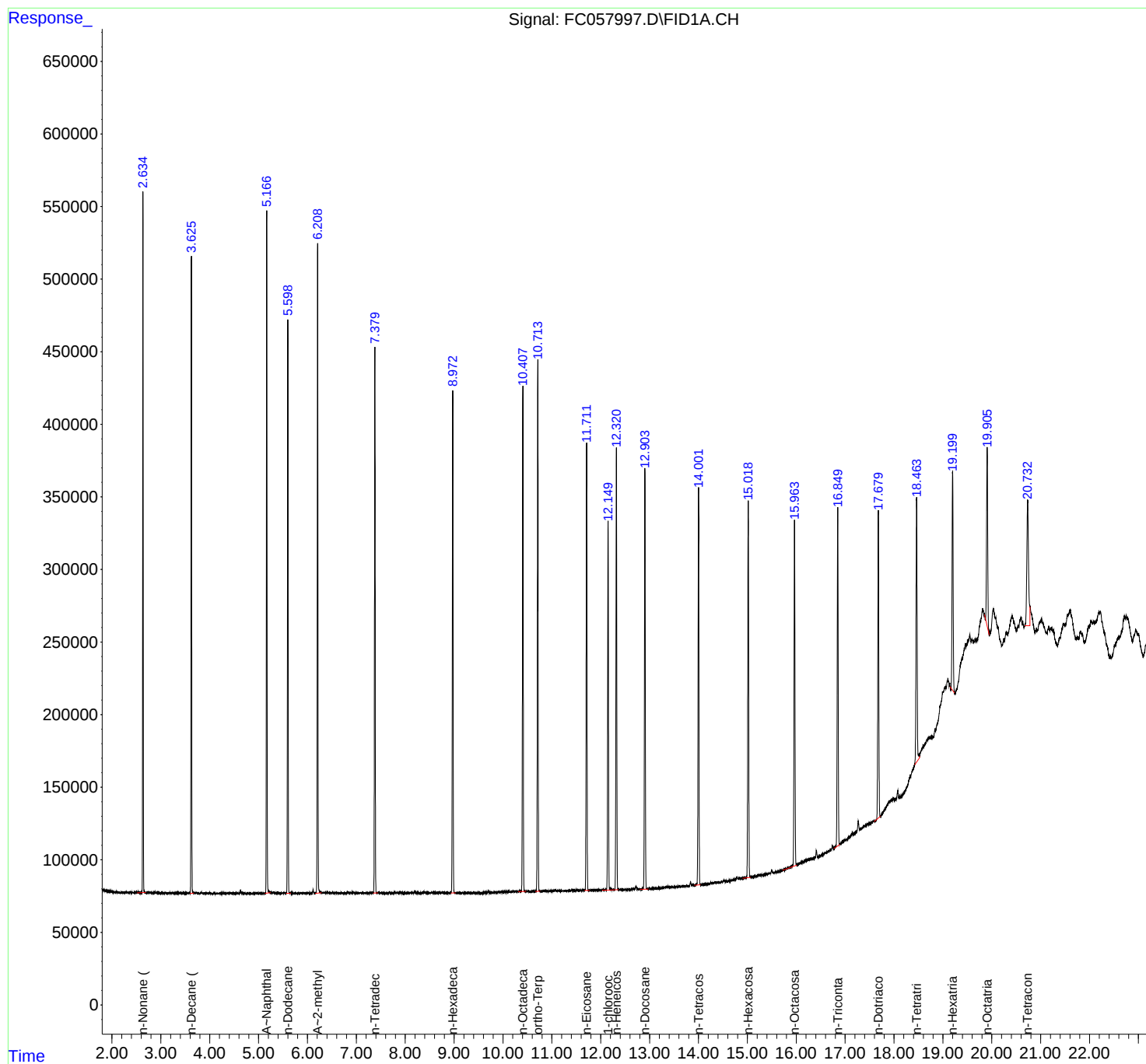
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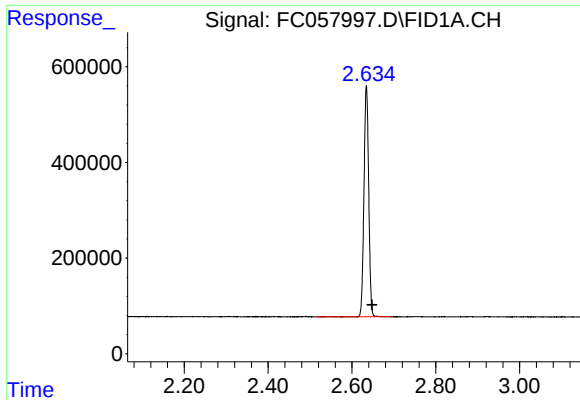
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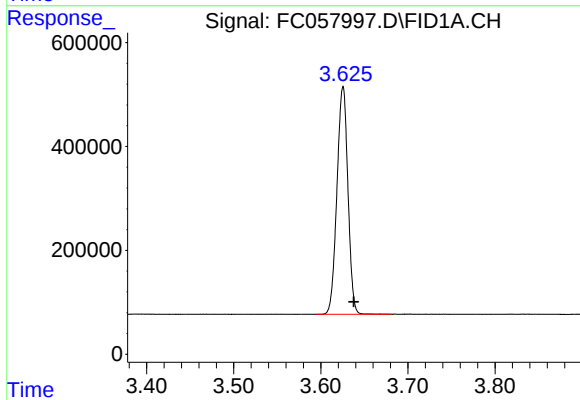
#1 n-Nonane (C9)

R.T.: 2.635 min
Delta R.T.: -0.013 min
Response: 3778144
Conc: 23.63 ug/ml

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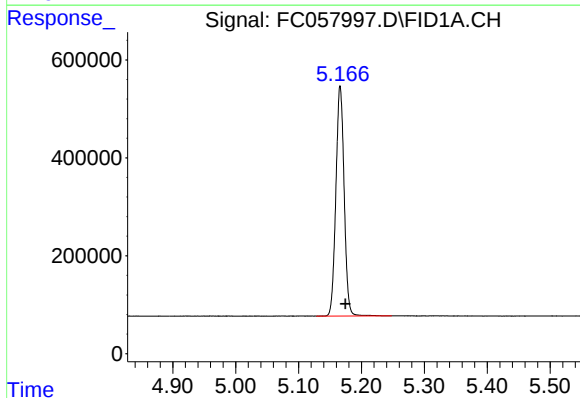
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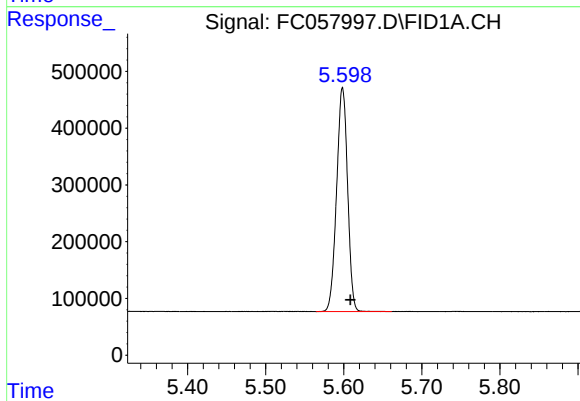
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.013 min
Response: 3837093
Conc: 23.87 ug/ml



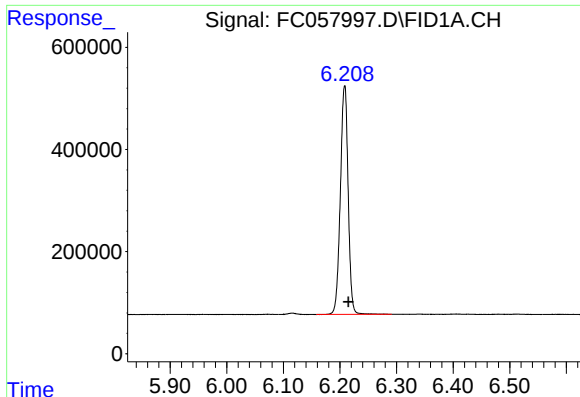
#3 A~Naphthalene (C11.7)

R.T.: 5.166 min
Delta R.T.: -0.008 min
Response: 4287434
Conc: 23.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.598 min
Delta R.T.: -0.010 min
Response: 3854537
Conc: 23.90 ug/ml



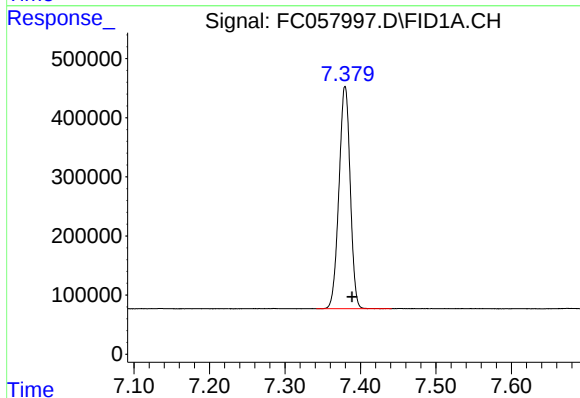
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.208 min
Delta R.T.: -0.006 min
Response: 4283515
Conc: 23.42 ug/ml

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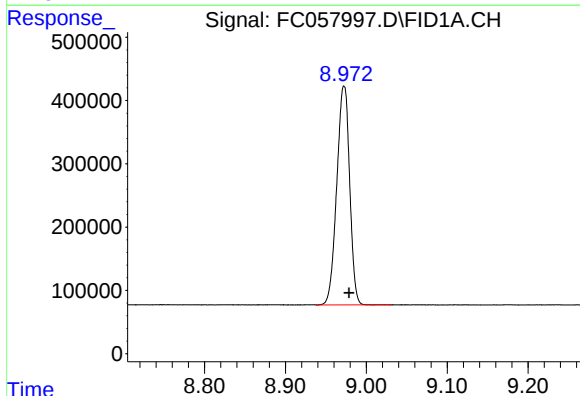
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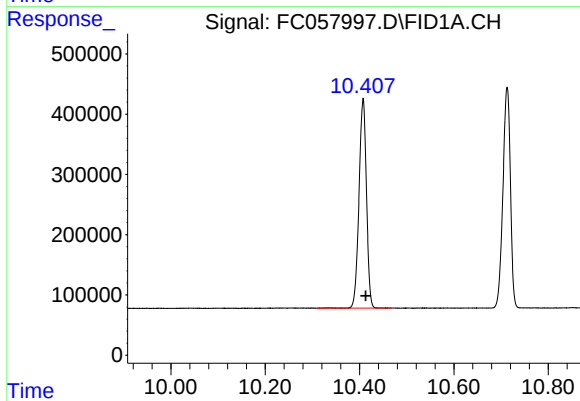
#6 n-Tetradecane (C14)

R.T.: 7.380 min
Delta R.T.: -0.009 min
Response: 3891436
Conc: 23.57 ug/ml



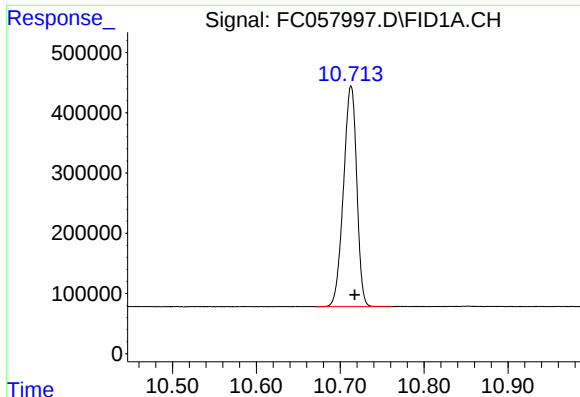
#7 n-Hexadecane (C16)

R.T.: 8.972 min
Delta R.T.: -0.007 min
Response: 3832071
Conc: 22.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.407 min
Delta R.T.: -0.006 min
Response: 3802371
Conc: 22.10 ug/ml



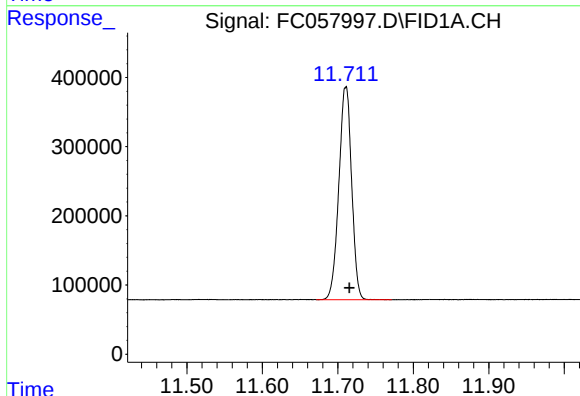
#9 ortho-Terphenyl (SURR)

R.T.: 10.713 min
Delta R.T.: -0.005 min
Response: 4029026
Conc: 20.84 ug/ml

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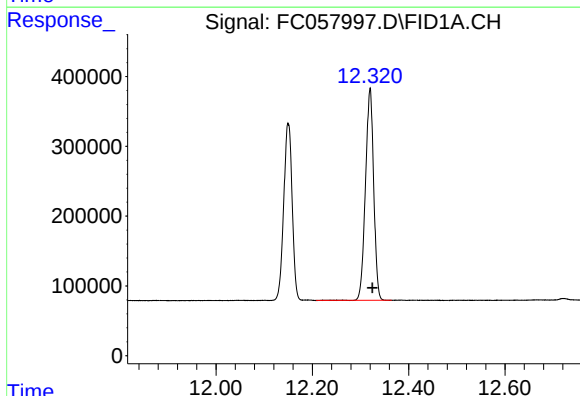
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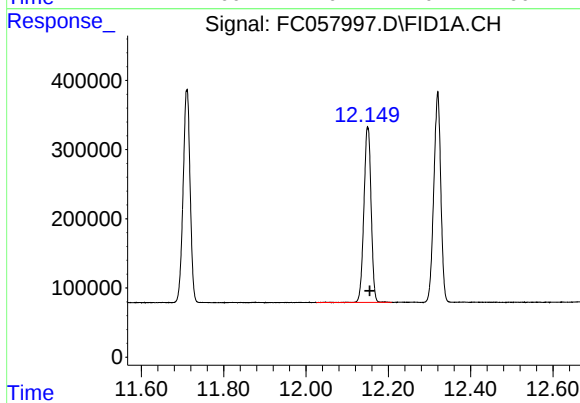
#10 n-Eicosane (C20)

R.T.: 11.711 min
Delta R.T.: -0.005 min
Response: 3621713
Conc: 21.16 ug/ml



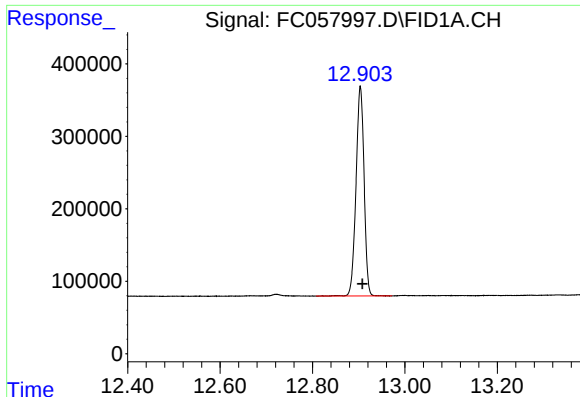
#11 n-Heneicosane (C21)

R.T.: 12.320 min
Delta R.T.: -0.005 min
Response: 3589929
Conc: 20.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.150 min
Delta R.T.: -0.005 min
Response: 3083788
Conc: 20.92 ug/ml



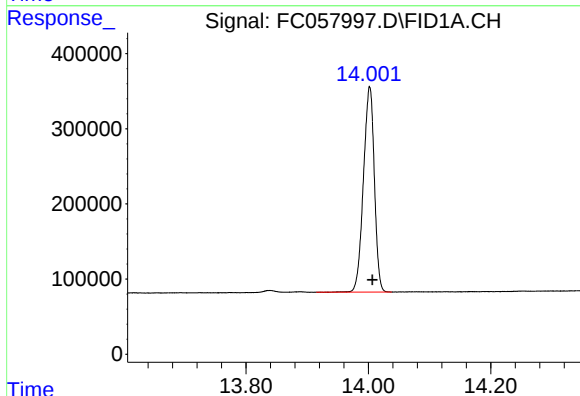
#13 n-Docosane (C22)

R.T.: 12.904 min
Delta R.T.: -0.004 min
Response: 3509573
Conc: 20.29 ug/ml

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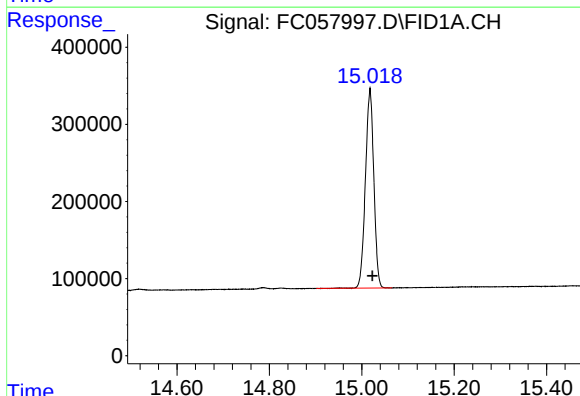
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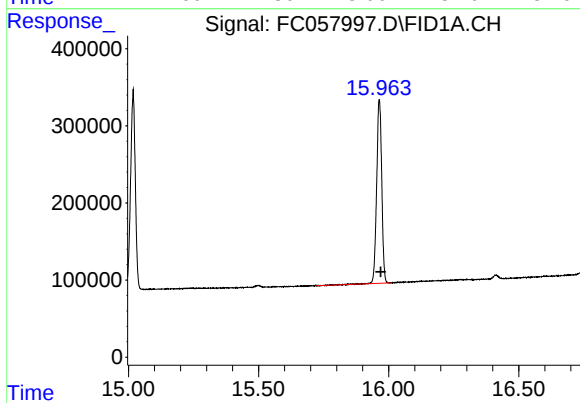
#14 n-Tetracosane (C24)

R.T.: 14.002 min
Delta R.T.: -0.004 min
Response: 3389922
Conc: 19.58 ug/ml



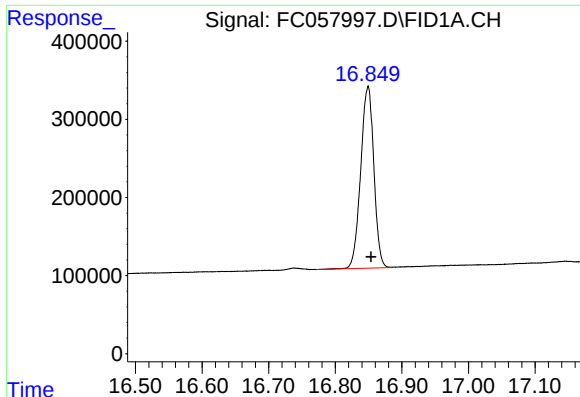
#15 n-Hexacosane (C26)

R.T.: 15.018 min
Delta R.T.: -0.006 min
Response: 3258466
Conc: 19.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.964 min
Delta R.T.: -0.006 min
Response: 3237575
Conc: 19.78 ug/ml



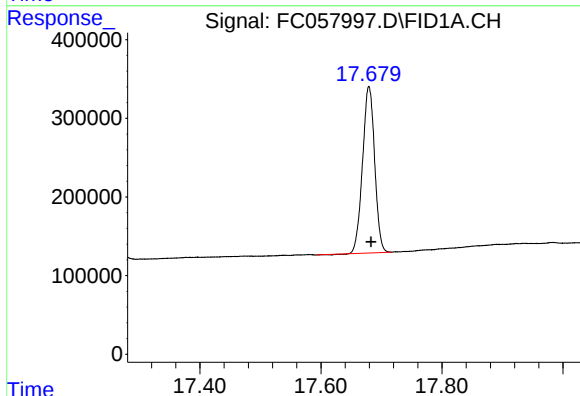
#17 n-Tricontane (C30)

R.T.: 16.849 min
Delta R.T.: -0.005 min
Response: 3186922
Conc: 20.41 ug/ml

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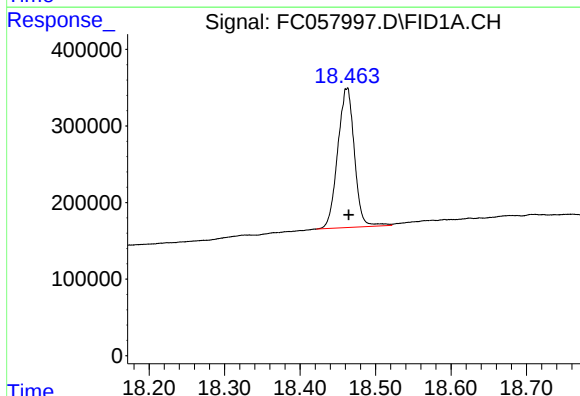
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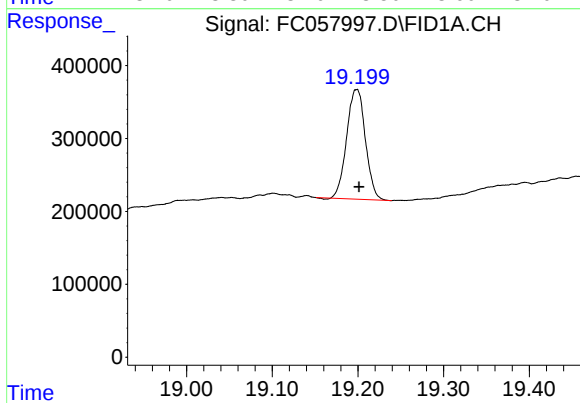
#18 n-Dotriacontane (C32)

R.T.: 17.679 min
Delta R.T.: -0.004 min
Response: 2940340
Conc: 21.09 ug/ml



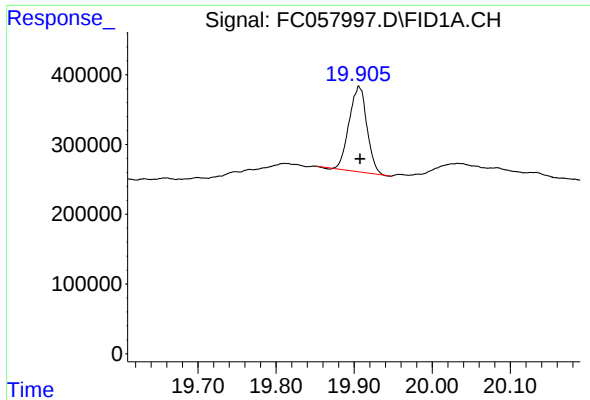
#19 n-Tetratriacontane (C34)

R.T.: 18.462 min
Delta R.T.: -0.002 min
Response: 2790456
Conc: 22.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.198 min
Delta R.T.: -0.003 min
Response: 2284675
Conc: 20.55 ug/ml



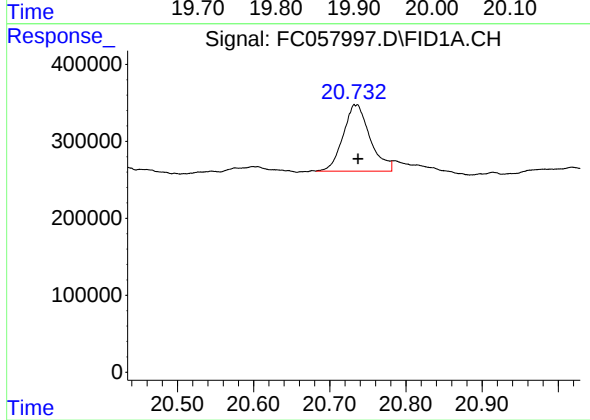
#21 n-Octatriacontane (C38)

R.T.: 19.906 min
Delta R.T.: -0.001 min
Response: 1919875
Conc: 18.40 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.732 min
Delta R.T.: -0.005 min
Response: 2119021
Conc: 22.13 ug/ml m