

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011322AL\
 Data File : FC057909.D
 Signal(s) : FID1A.CH
 Acq On : 14 Jan 2022 9:12
 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 01/14/2022
 Supervised By :Ankita Jodhani 01/14/2022

Integration File: sample.E
 Quant Time: Jan 14 09:39:05 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)	10.709	3668782	18.973 ug/ml
Spiked Amount 50.000		Recovery =	37.95%
12) S 1-chlorooctadecane (S...	12.148	2763902	18.753 ug/ml
Spiked Amount 50.000		Recovery =	37.51%
Target Compounds			
1) T n-Nonane (C9)	2.634	3180951	19.892 ug/ml
2) T n-Decane (C10)	3.625	3260382	20.285 ug/ml
3) T A~Naphthalene (C11.7)	5.164	3699017	20.371 ug/ml
4) T n-Dodecane (C12)	5.597	3291565	20.409 ug/ml
5) T A~2-methylnaphthalene...	6.205	3713233	20.306 ug/ml
6) T n-Tetradecane (C14)	7.378	3384238	20.499 ug/ml
7) T n-Hexadecane (C16)	8.970	3401636	20.364 ug/ml
8) T n-Octadecane (C18)	10.405	3421210	19.881 ug/ml
10) T n-Eicosane (C20)	11.709	3278618	19.151 ug/ml
11) T n-Heneicosane (C21)	12.318	3240232	18.738 ug/ml
13) T n-Docosane (C22)	12.902	3177043	18.364 ug/ml
14) T n-Tetracosane (C24)	14.000	3133535	18.102 ug/ml
15) T n-Hexacosane (C26)	15.017	3028189	17.994 ug/ml
16) T n-Octacosane (C28)	15.963	3054132	18.663 ug/ml
17) T n-Tricontane (C30)	16.847	3288401	21.063 ug/ml
18) T n-Dotriacontane (C32)	17.678	3188269	22.867 ug/ml
19) T n-Tetratriacontane (C34)	18.458	2917939	23.477 ug/ml
20) T n-Hexatriacontane (C36)	19.196	2772806	24.940 ug/ml
21) T n-Octatriacontane (C38)	19.903	2430039	23.295 ug/ml
22) T n-Tetracontane (C40)	20.729	2337356	24.411 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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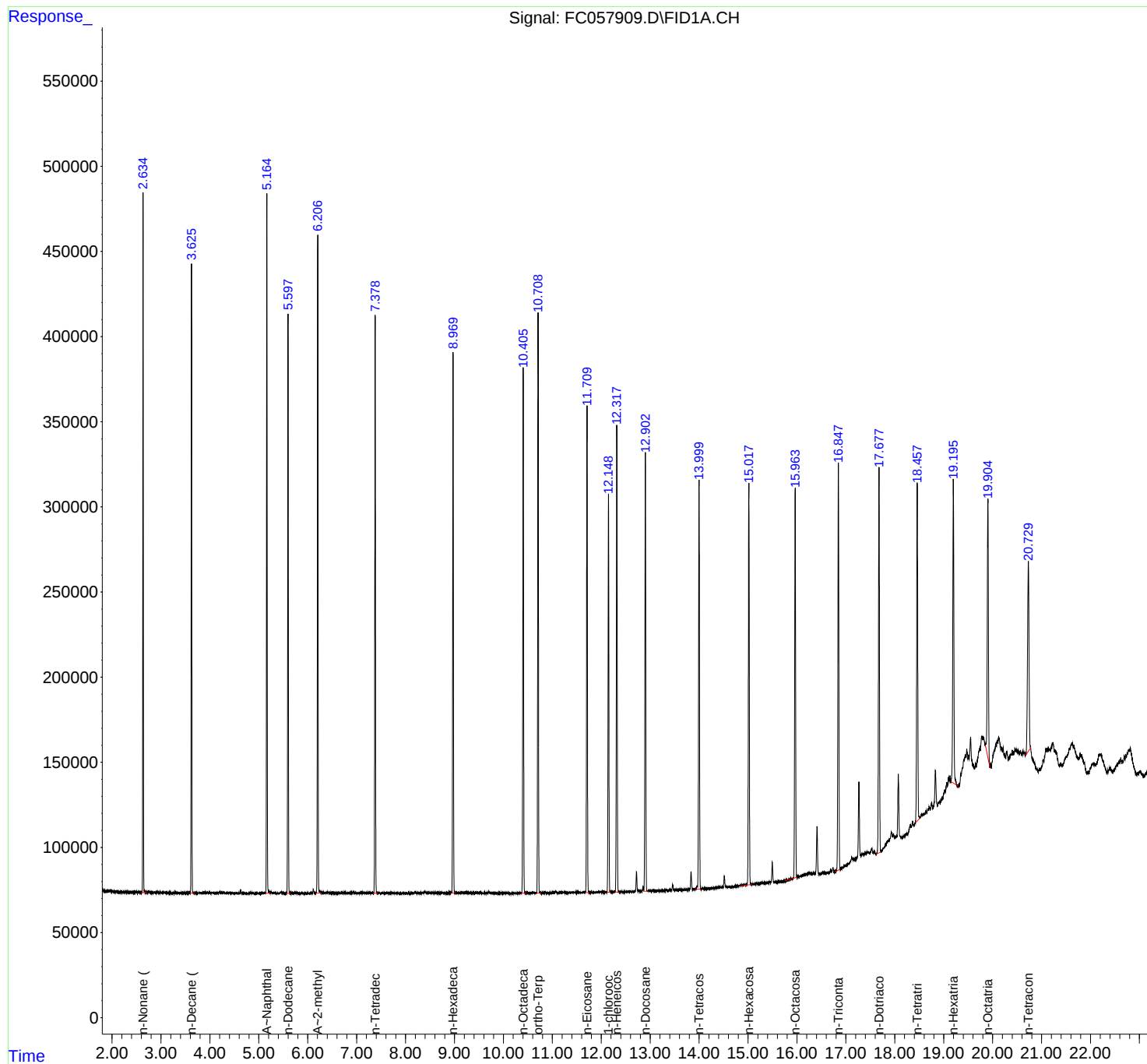
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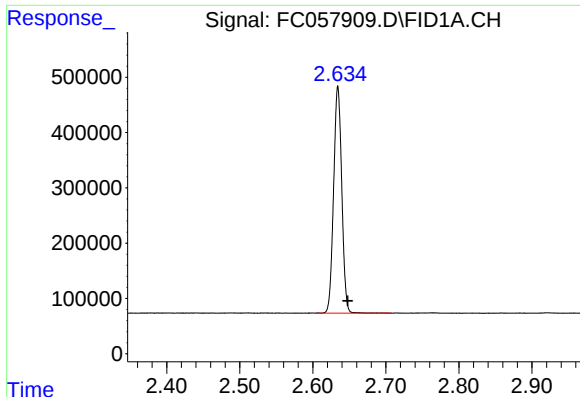
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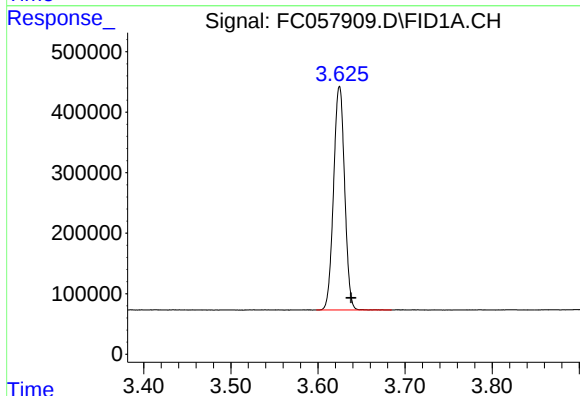
#1 n-Nonane (C9)

R.T.: 2.634 min
Delta R.T.: -0.014 min
Response: 3180951
Conc: 19.89 ug/ml

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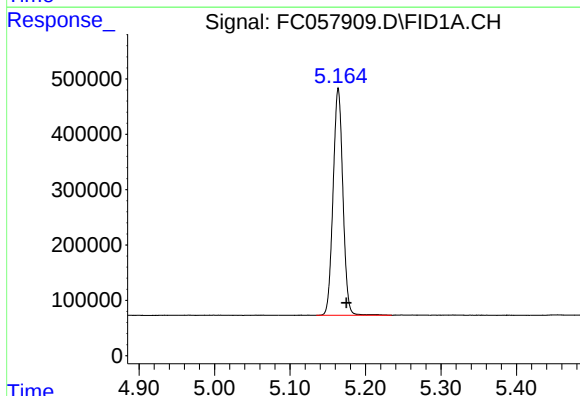
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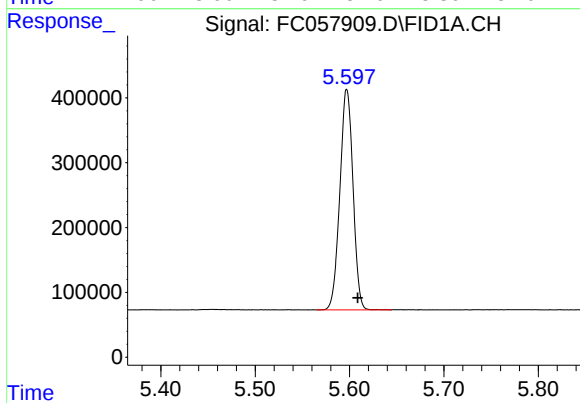
#2 n-Decane (C10)

R.T.: 3.625 min
Delta R.T.: -0.013 min
Response: 3260382
Conc: 20.28 ug/ml



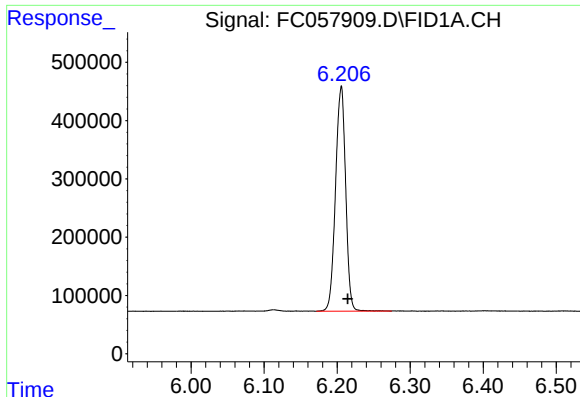
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.011 min
Response: 3699017
Conc: 20.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.597 min
Delta R.T.: -0.012 min
Response: 3291565
Conc: 20.41 ug/ml



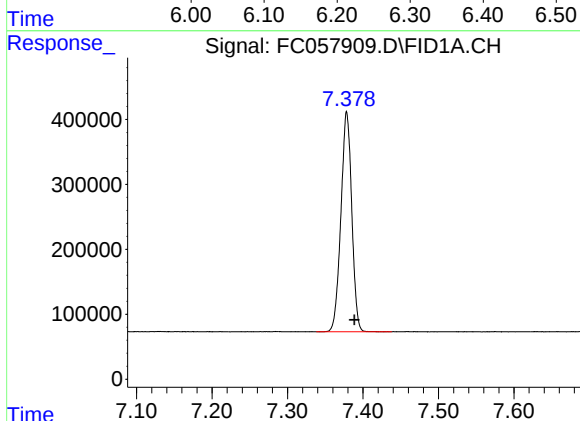
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.205 min
Delta R.T.: -0.009 min
Response: 3713233
Conc: 20.31 ug/ml

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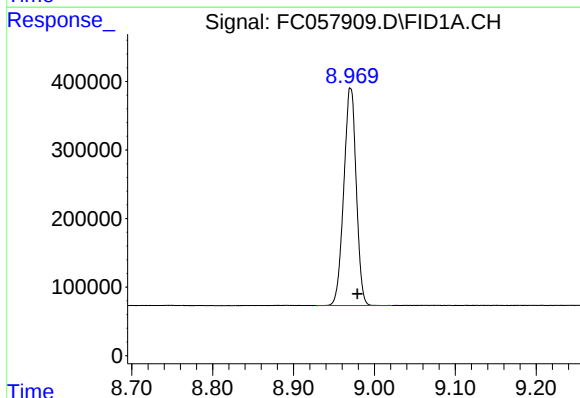
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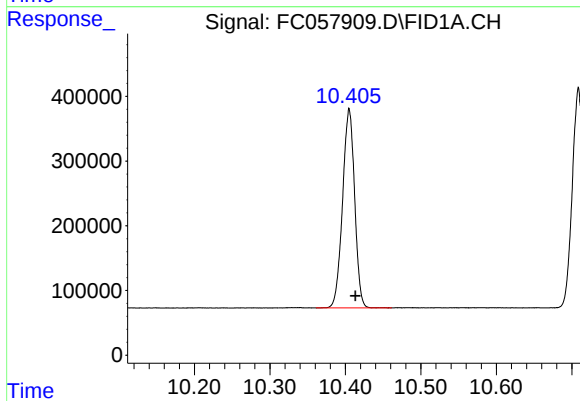
#6 n-Tetradecane (C14)

R.T.: 7.378 min
Delta R.T.: -0.010 min
Response: 3384238
Conc: 20.50 ug/ml



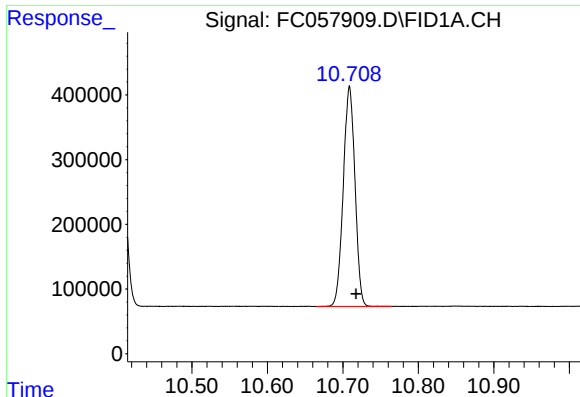
#7 n-Hexadecane (C16)

R.T.: 8.970 min
Delta R.T.: -0.008 min
Response: 3401636
Conc: 20.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.405 min
Delta R.T.: -0.008 min
Response: 3421210
Conc: 19.88 ug/ml



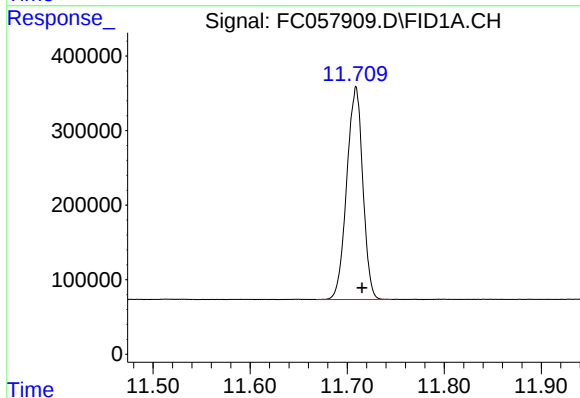
#9 ortho-Terphenyl (SURR)

R.T.: 10.709 min
Delta R.T.: -0.009 min
Response: 3668782
Conc: 18.97 ug/ml

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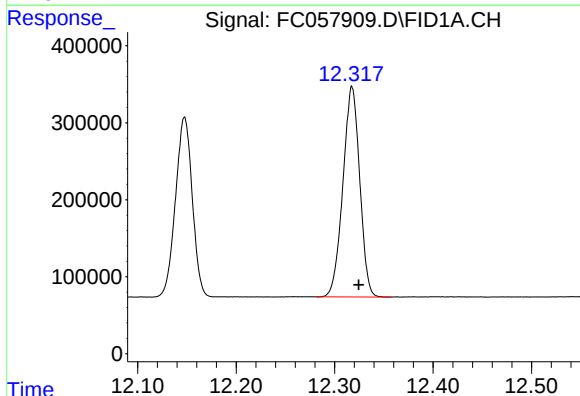
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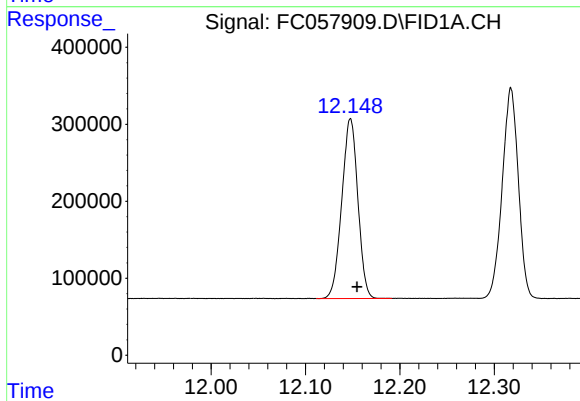
#10 n-Eicosane (C20)

R.T.: 11.709 min
Delta R.T.: -0.007 min
Response: 3278618
Conc: 19.15 ug/ml



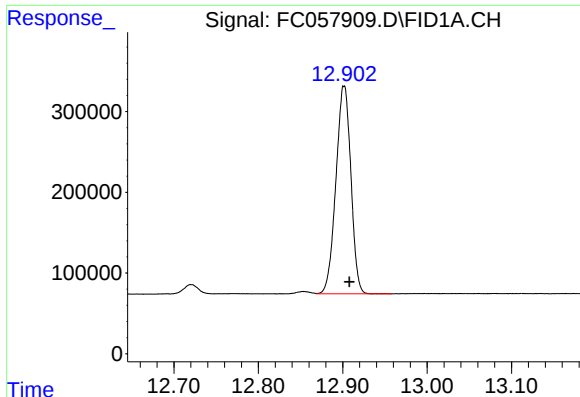
#11 n-Heneicosane (C21)

R.T.: 12.318 min
Delta R.T.: -0.007 min
Response: 3240232
Conc: 18.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.148 min
Delta R.T.: -0.007 min
Response: 2763902
Conc: 18.75 ug/ml



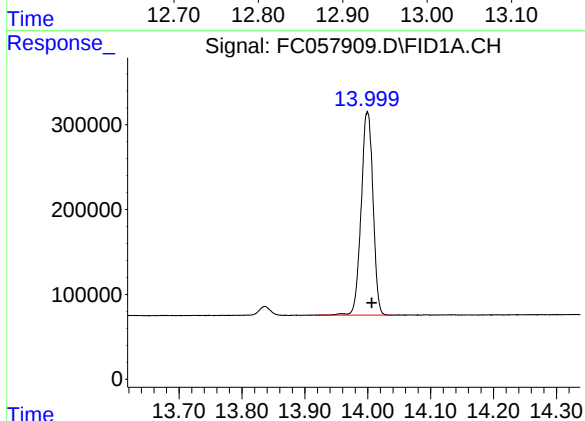
#13 n-Docosane (C22)

R.T.: 12.902 min
Delta R.T.: -0.006 min
Response: 3177043
Conc: 18.36 ug/ml

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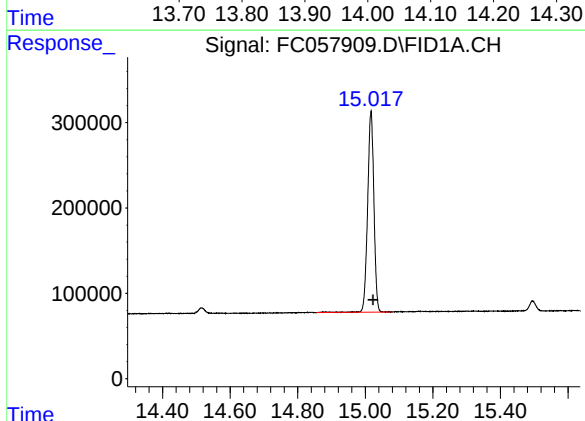
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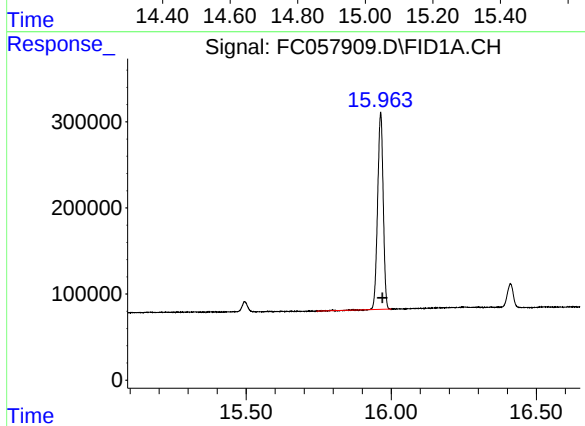
#14 n-Tetracosane (C24)

R.T.: 14.000 min
Delta R.T.: -0.007 min
Response: 3133535
Conc: 18.10 ug/ml



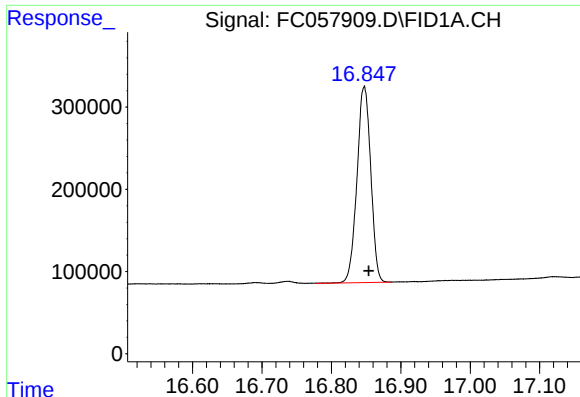
#15 n-Hexacosane (C26)

R.T.: 15.017 min
Delta R.T.: -0.006 min
Response: 3028189
Conc: 17.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.963 min
Delta R.T.: -0.006 min
Response: 3054132
Conc: 18.66 ug/ml



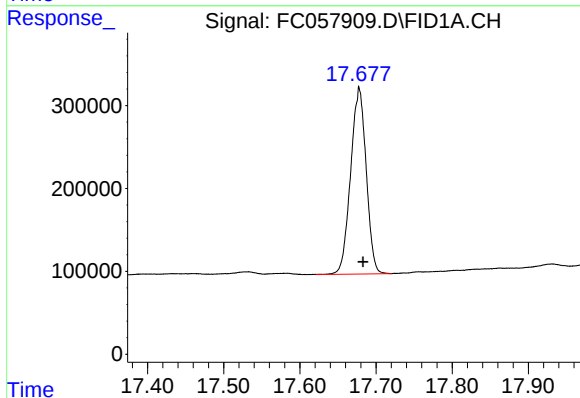
#17 n-Tricontane (C30)

R.T.: 16.847 min
Delta R.T.: -0.006 min
Response: 3288401
Conc: 21.06 ug/ml

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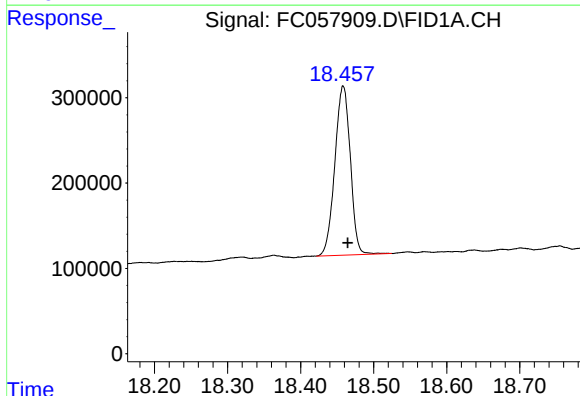
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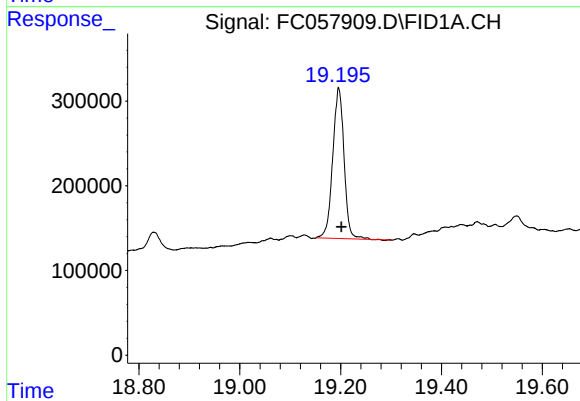
#18 n-Dotriacontane (C32)

R.T.: 17.678 min
Delta R.T.: -0.005 min
Response: 3188269
Conc: 22.87 ug/ml



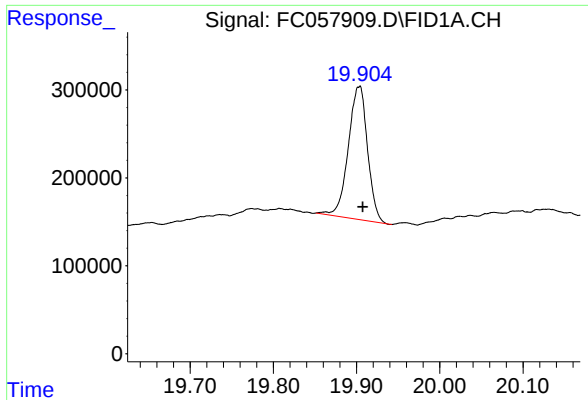
#19 n-Tetratriacontane (C34)

R.T.: 18.458 min
Delta R.T.: -0.006 min
Response: 2917939
Conc: 23.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.196 min
Delta R.T.: -0.005 min
Response: 2772806
Conc: 24.94 ug/ml



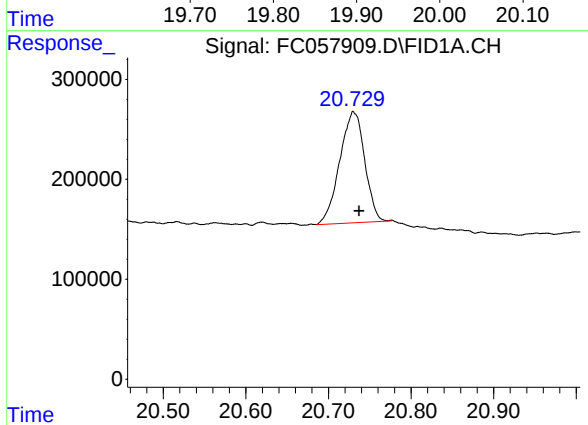
#21 n-Octatriacontane (C38)

R.T.: 19.903 min
Delta R.T.: -0.005 min
Response: 2430039
Conc: 23.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.729 min
Delta R.T.: -0.008 min
Response: 2337356
Conc: 24.41 ug/ml m