

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032922AL\
 Data File : FC058938.D
 Signal(s) : FID1A.CH
 Acq On : 29 Mar 2022 10:03
 Operator : UA/NP
 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 03/30/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: sample.E
 Quant Time: Mar 30 03:21:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.093	2962244	20.559 ug/ml
Spiked Amount 50.000		Recovery =	41.12%
12) S 1-chlorooctadecane (S...	12.541	2296443	20.487 ug/ml
Spiked Amount 50.000		Recovery =	40.97%
Target Compounds			
1) T n-Nonane (C9)	2.953	2489080	20.311 ug/ml
2) T n-Decane (C10)	3.995	2501775	20.415 ug/ml
3) T A~Naphthalene (C11.7)	5.542	2614903	20.827 ug/ml
4) T n-Dodecane (C12)	5.994	2625939	20.559 ug/ml
5) T A~2-methylnaphthalene...	6.590	2633616	20.543 ug/ml
6) T n-Tetradecane (C14)	7.778	2673828	20.564 ug/ml
7) T n-Hexadecane (C16)	9.369	2705794	20.376 ug/ml
8) T n-Octadecane (C18)	10.802	2742216	20.625 ug/ml
10) T n-Eicosane (C20)	12.104	2693825	20.560 ug/ml
11) T n-Heneicosane (C21)	12.712	2696875	20.669 ug/ml
13) T n-Docosane (C22)	13.296	2676201	20.659 ug/ml
14) T n-Tetracosane (C24)	14.392	2614188	20.694 ug/ml
15) T n-Hexacosane (C26)	15.409	2518619	20.851 ug/ml
16) T n-Octacosane (C28)	16.354	2450375	20.694 ug/ml
17) T n-Tricontane (C30)	17.237	2365524	20.736 ug/ml
18) T n-Dotriacontane (C32)	18.066	2235508	20.867 ug/ml
19) T n-Tetratriacontane (C34)	18.847	2106148	20.845 ug/mlm
20) T n-Hexatriacontane (C36)	19.584	1983246	20.756 ug/ml
21) T n-Octatriacontane (C38)	20.279	1925414	20.924 ug/mlm
22) T n-Tetracontane (C40)	21.024	1927760	20.742 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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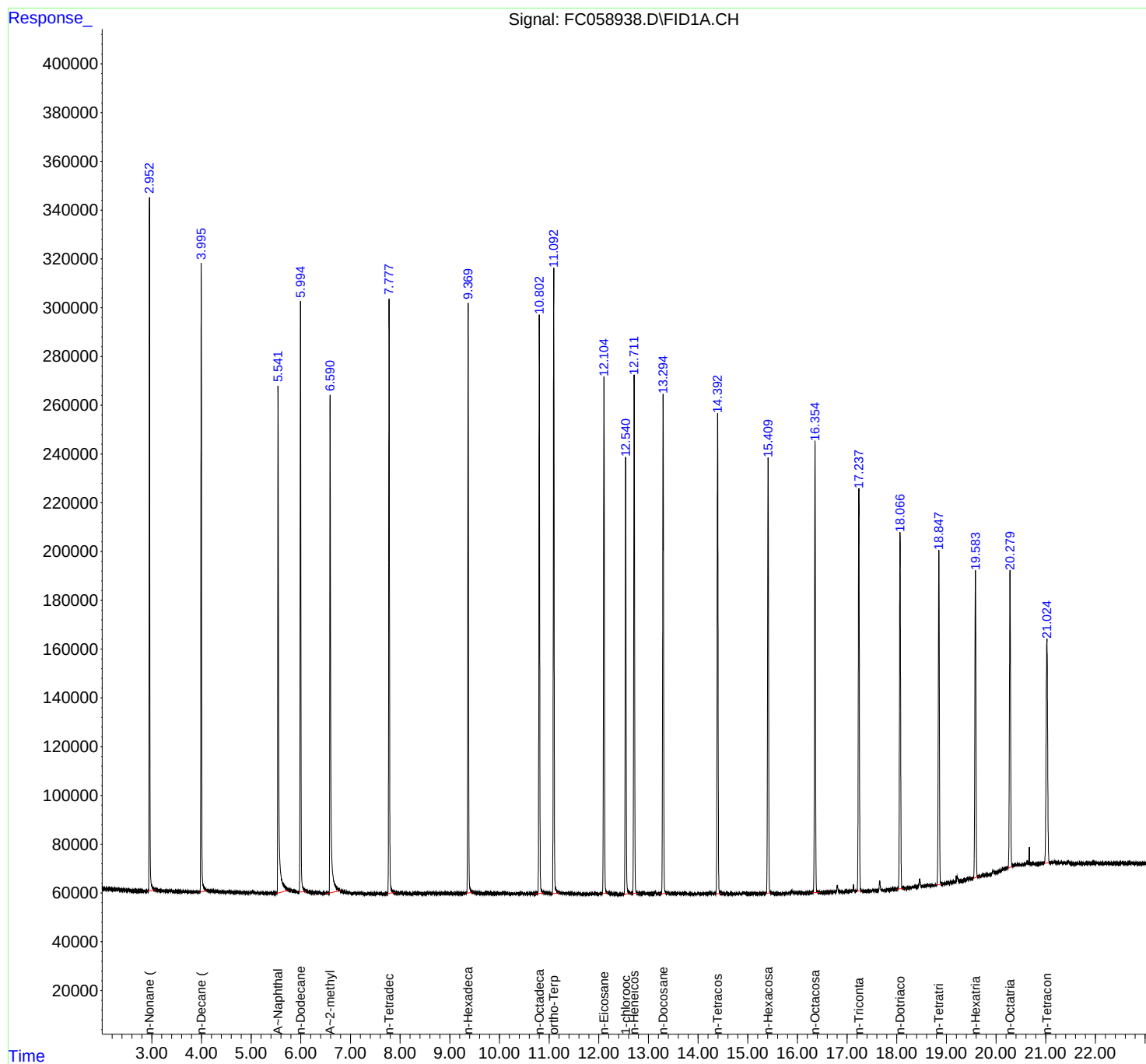
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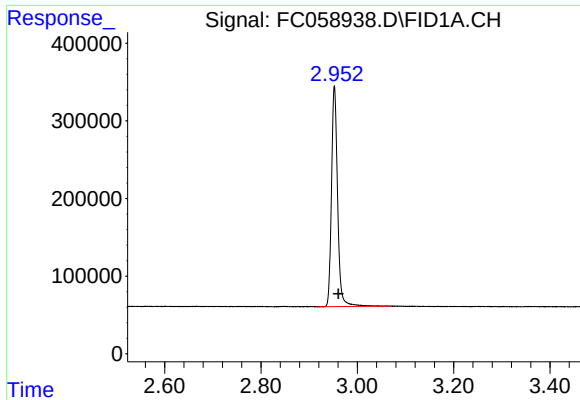
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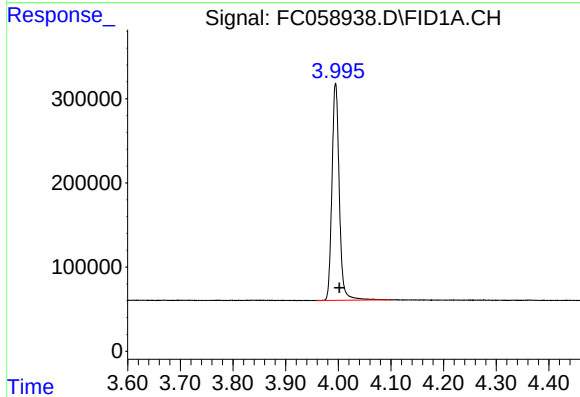
#1 n-Nonane (C9)

R.T.: 2.953 min
Delta R.T.: -0.008 min
Response: 2489080
Conc: 20.31 ug/ml

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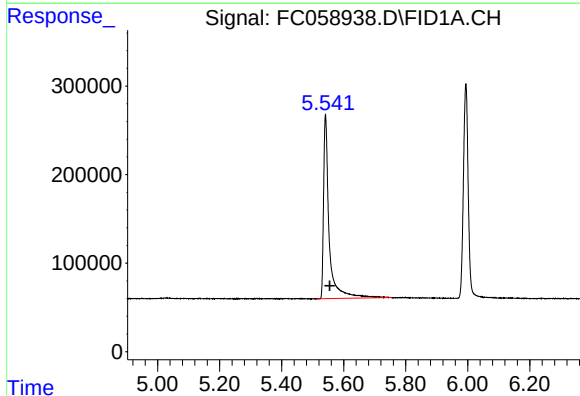
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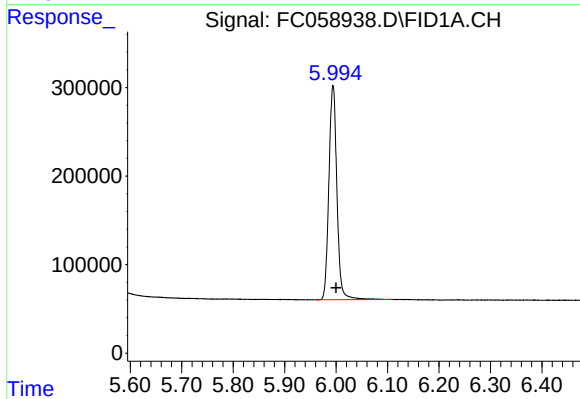
#2 n-Decane (C10)

R.T.: 3.995 min
Delta R.T.: -0.007 min
Response: 2501775
Conc: 20.42 ug/ml



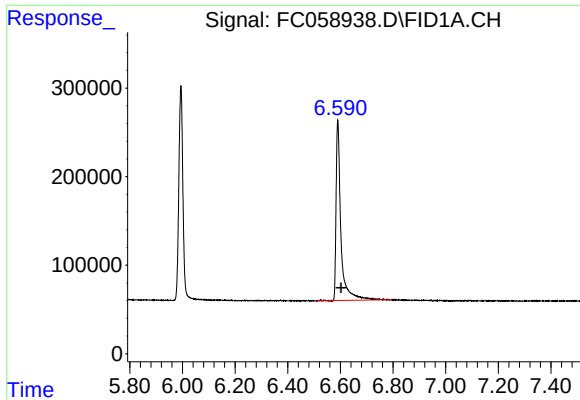
#3 A~Naphthalene (C11.7)

R.T.: 5.542 min
Delta R.T.: -0.014 min
Response: 2614903
Conc: 20.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.994 min
Delta R.T.: -0.006 min
Response: 2625939
Conc: 20.56 ug/ml



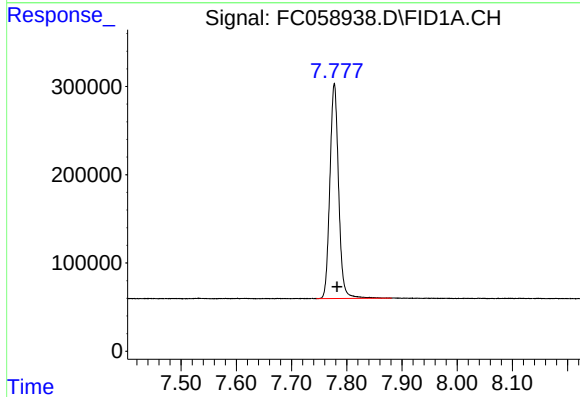
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.590 min
Delta R.T.: -0.012 min
Response: 2633616
Conc: 20.54 ug/ml

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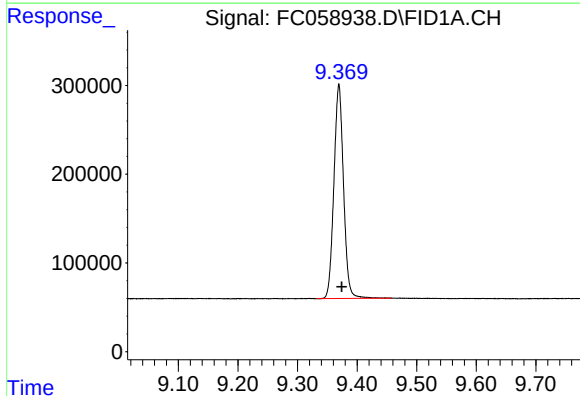
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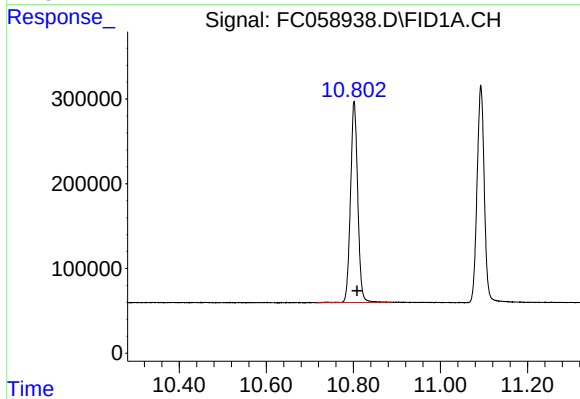
#6 n-Tetradecane (C14)

R.T.: 7.778 min
Delta R.T.: -0.005 min
Response: 2673828
Conc: 20.56 ug/ml



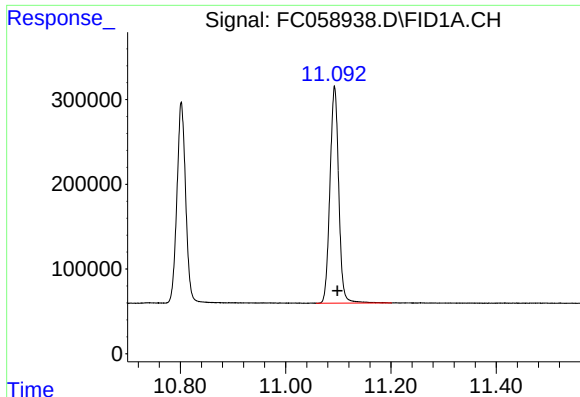
#7 n-Hexadecane (C16)

R.T.: 9.369 min
Delta R.T.: -0.005 min
Response: 2705794
Conc: 20.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.802 min
Delta R.T.: -0.007 min
Response: 2742216
Conc: 20.63 ug/ml



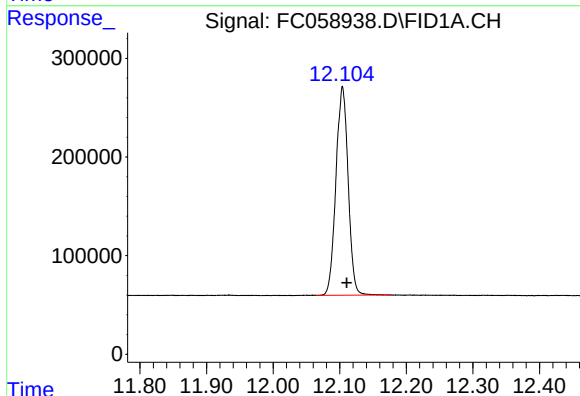
#9 ortho-Terphenyl (SURR)

R.T.: 11.093 min
Delta R.T.: -0.006 min
Response: 2962244
Conc: 20.56 ug/ml

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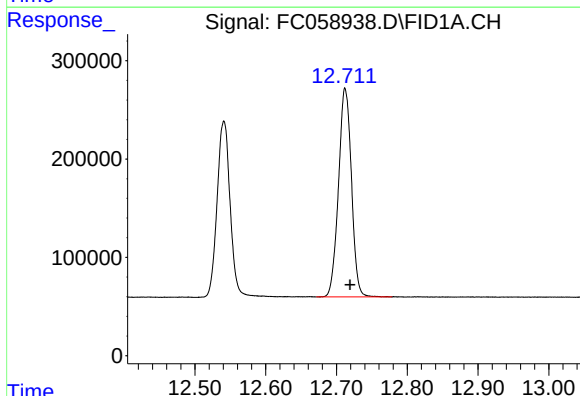
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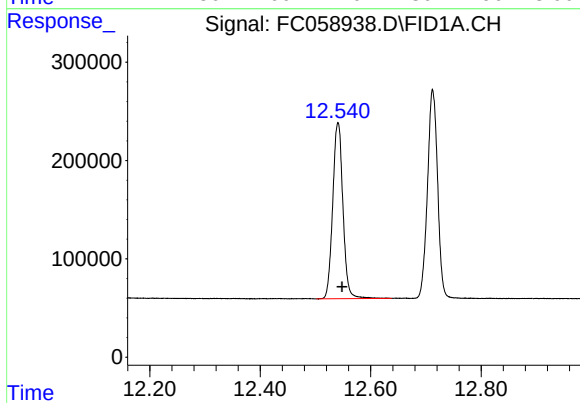
#10 n-Eicosane (C20)

R.T.: 12.104 min
Delta R.T.: -0.007 min
Response: 2693825
Conc: 20.56 ug/ml



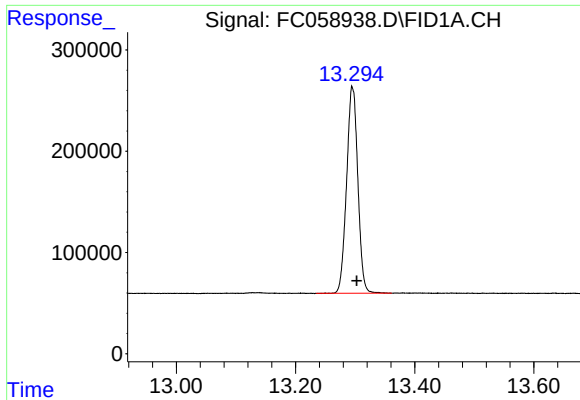
#11 n-Heneicosane (C21)

R.T.: 12.712 min
Delta R.T.: -0.007 min
Response: 2696875
Conc: 20.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.541 min
Delta R.T.: -0.008 min
Response: 2296443
Conc: 20.49 ug/ml



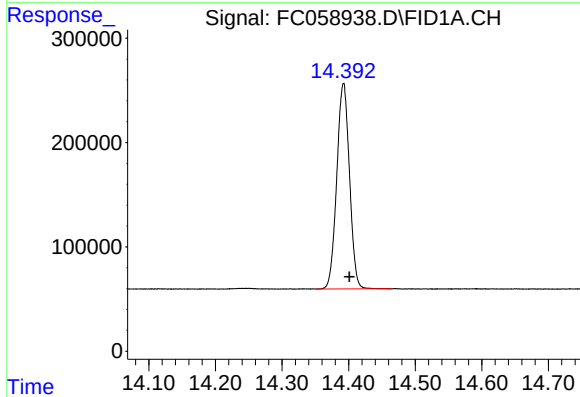
#13 n-Docosane (C22)

R.T.: 13.296 min
Delta R.T.: -0.007 min
Response: 2676201
Conc: 20.66 ug/ml

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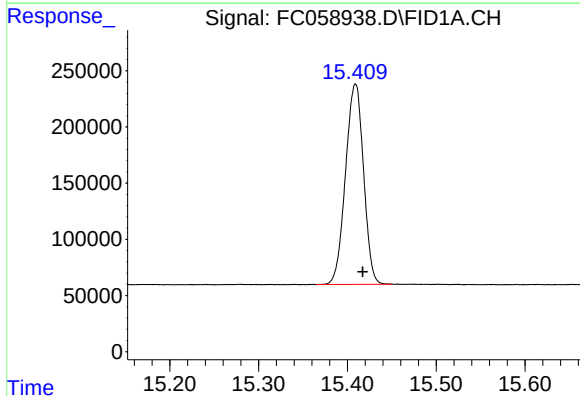
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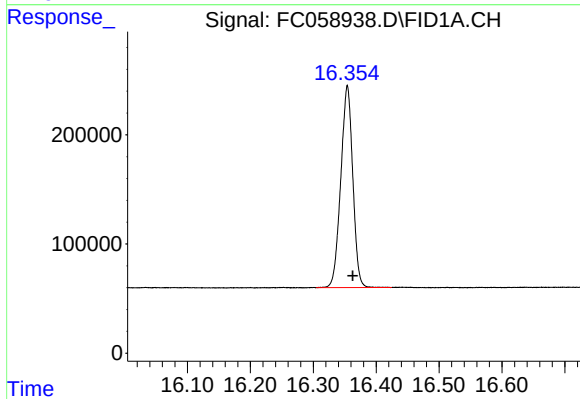
#14 n-Tetracosane (C24)

R.T.: 14.392 min
Delta R.T.: -0.009 min
Response: 2614188
Conc: 20.69 ug/ml



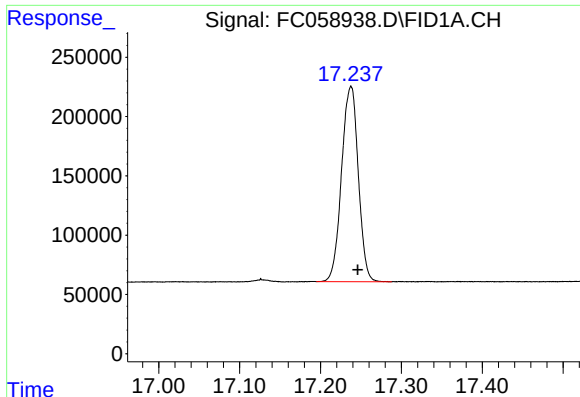
#15 n-Hexacosane (C26)

R.T.: 15.409 min
Delta R.T.: -0.008 min
Response: 2518619
Conc: 20.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.354 min
Delta R.T.: -0.008 min
Response: 2450375
Conc: 20.69 ug/ml



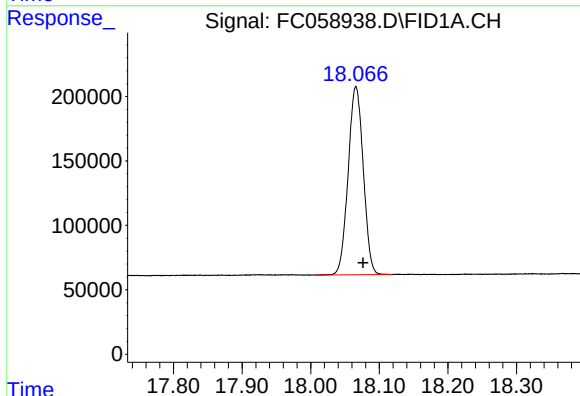
#17 n-Tricontane (C30)

R.T.: 17.237 min
Delta R.T.: -0.009 min
Response: 2365524
Conc: 20.74 ug/ml

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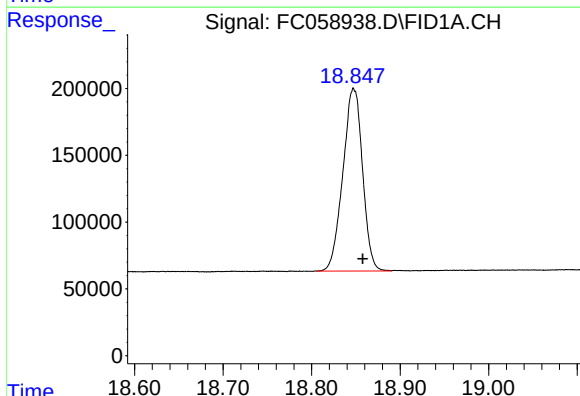
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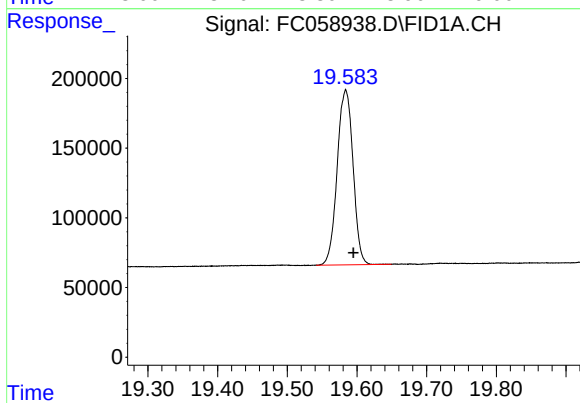
#18 n-Dotriacontane (C32)

R.T.: 18.066 min
Delta R.T.: -0.011 min
Response: 2235508
Conc: 20.87 ug/ml



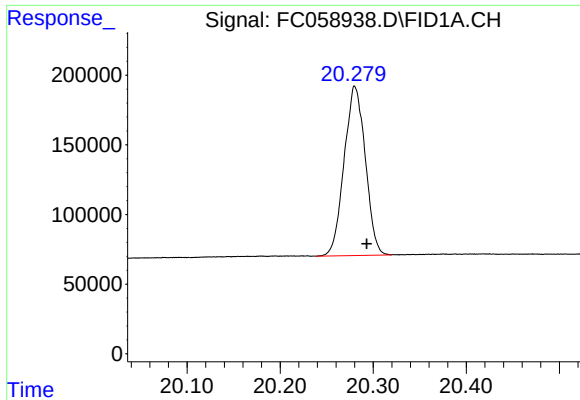
#19 n-Tetratriacontane (C34)

R.T.: 18.847 min
Delta R.T.: -0.011 min
Response: 2106148
Conc: 20.85 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.584 min
Delta R.T.: -0.011 min
Response: 1983246
Conc: 20.76 ug/ml



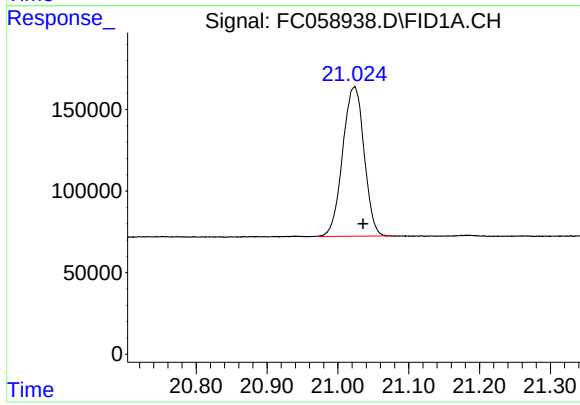
#21 n-Octatriacontane (C38)

R.T.: 20.279 min
Delta R.T.: -0.014 min
Response: 1925414
Conc: 20.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.024 min
Delta R.T.: -0.012 min
Response: 1927760
Conc: 20.74 ug/ml m