

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042522AL\
 Data File : FC059447.D
 Signal(s) : FID1A.CH
 Acq On : 26 Apr 2022 19:04
 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 04/27/2022
 Supervised By :mohammad ahmed 04/27/2022

Integration File: sample.E
 Quant Time: Apr 27 00:10:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:30:29 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)	11.097	3224551	20.067 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
12) S 1-chlorooctadecane (S...	12.545	2528422	19.362 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
Target Compounds			
1) T n-Nonane (C9)	2.961	2657478	21.204 ug/ml
2) T n-Decane (C10)	4.001	2710678	21.697 ug/ml
3) T A~Naphthalene (C11.7)	5.551	2796139	22.794 ug/ml
4) T n-Dodecane (C12)	5.998	2866840	21.740 ug/ml
5) T A~2-methylnaphthalene...	6.599	2862320	22.680 ug/ml
6) T n-Tetradecane (C14)	7.781	2929313	21.656 ug/ml
7) T n-Hexadecane (C16)	9.372	2991384	21.300 ug/ml
8) T n-Octadecane (C18)	10.805	3023228	20.696 ug/ml
10) T n-Eicosane (C20)	12.106	2968418	19.793 ug/ml
11) T n-Heneicosane (C21)	12.715	2939624	19.326 ug/ml
13) T n-Docosane (C22)	13.299	2922553	19.074 ug/ml
14) T n-Tetracosane (C24)	14.395	2793623	18.042 ug/ml
15) T n-Hexacosane (C26)	15.411	2640784	17.135 ug/ml
16) T n-Octacosane (C28)	16.357	2551170	16.480 ug/ml
17) T n-Tricontane (C30)	17.239	2443033	16.084 ug/ml
18) T n-Dotriacontane (C32)	18.069	2284467	16.213 ug/mlm
19) T n-Tetratriacontane (C34)	18.851	2103712	16.645 ug/ml
20) T n-Hexatriacontane (C36)	19.587	1899890	17.370 ug/ml
21) T n-Octatriacontane (C38)	20.286	1744249	18.729 ug/ml
22) T n-Tetracontane (C40)	21.028	1721549	20.610 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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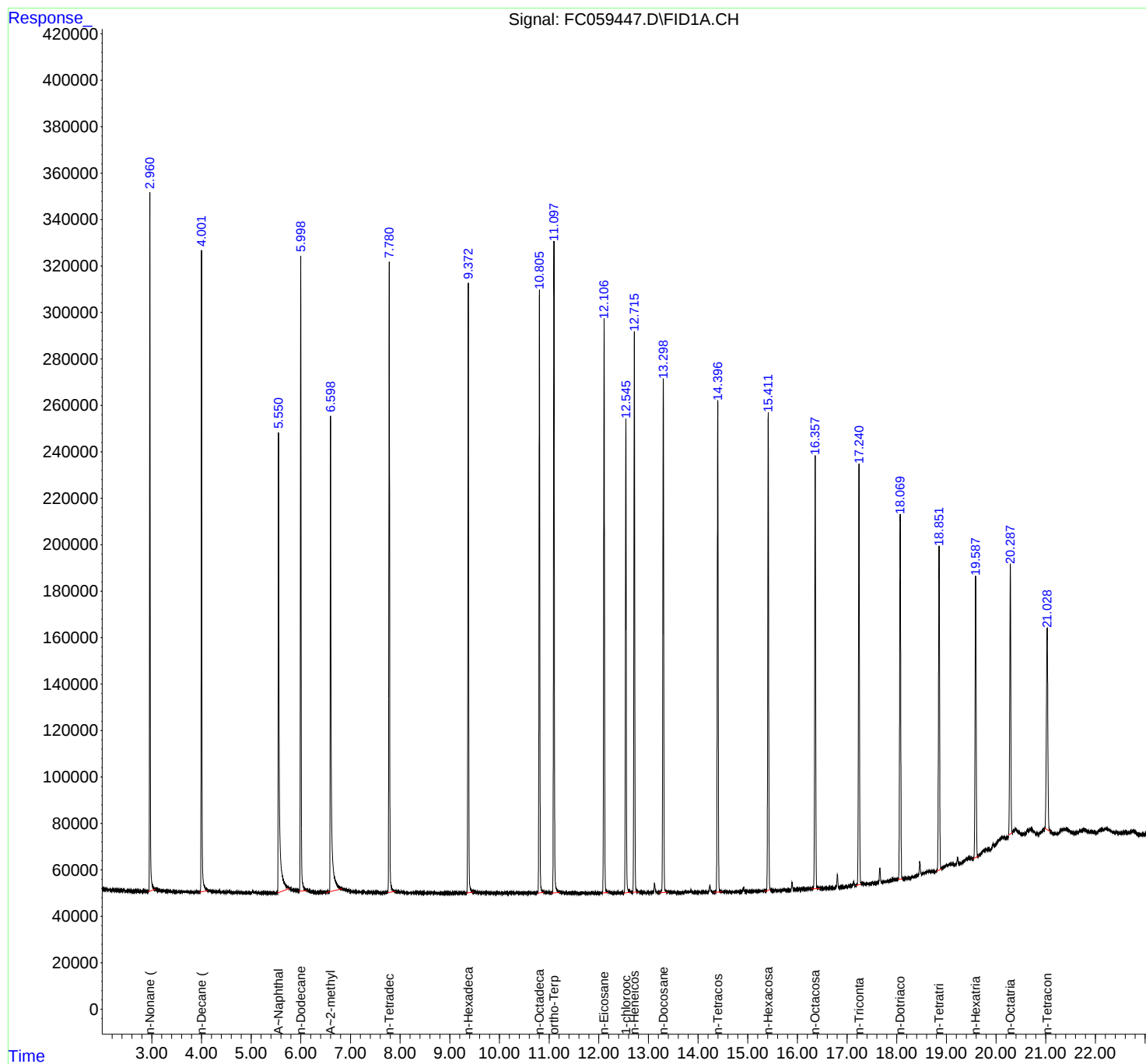
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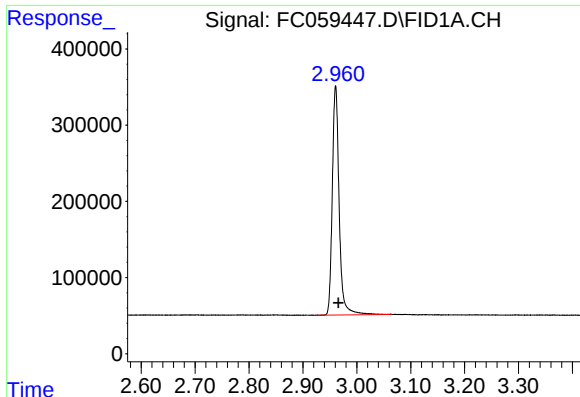
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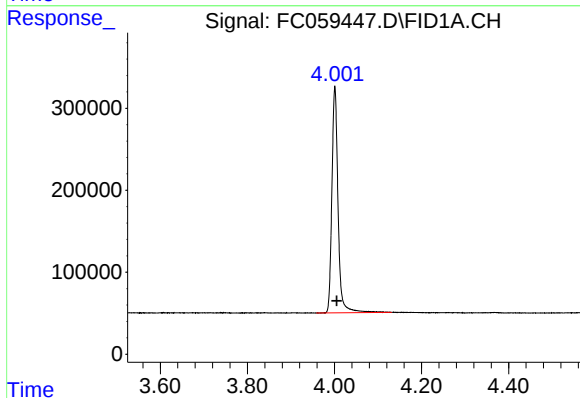
#1 n-Nonane (C9)

R.T.: 2.961 min
Delta R.T.: -0.005 min
Response: 2657478
Conc: 21.20 ug/ml

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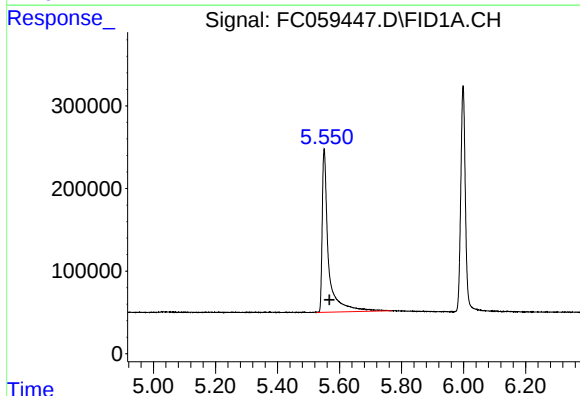
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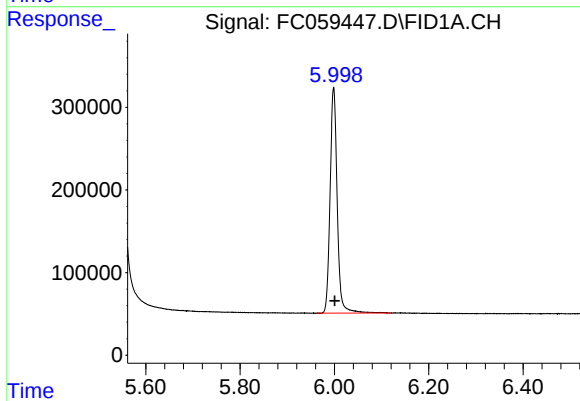
#2 n-Decane (C10)

R.T.: 4.001 min
Delta R.T.: -0.004 min
Response: 2710678
Conc: 21.70 ug/ml



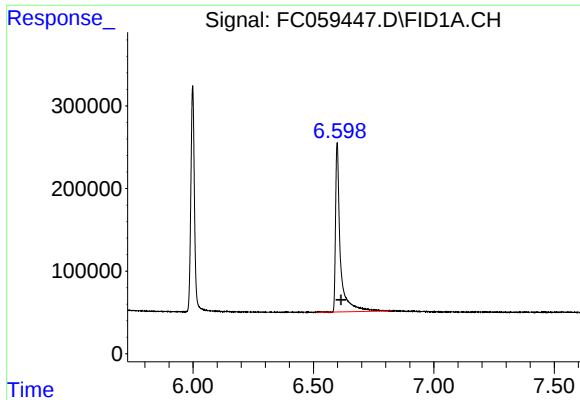
#3 A~Naphthalene (C11.7)

R.T.: 5.551 min
Delta R.T.: -0.016 min
Response: 2796139
Conc: 22.79 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 2866840
Conc: 21.74 ug/ml



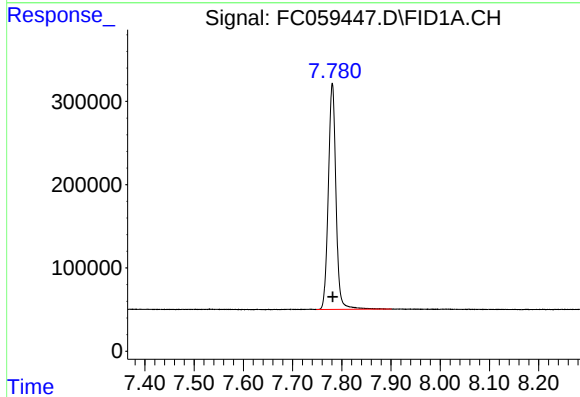
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.599 min
Delta R.T.: -0.017 min
Response: 2862320
Conc: 22.68 ug/ml

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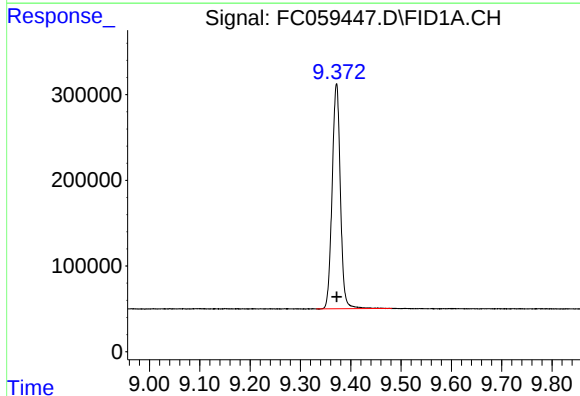
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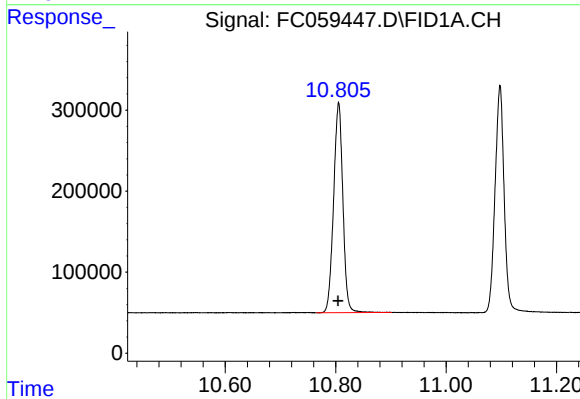
#6 n-Tetradecane (C14)

R.T.: 7.781 min
Delta R.T.: 0.000 min
Response: 2929313
Conc: 21.66 ug/ml



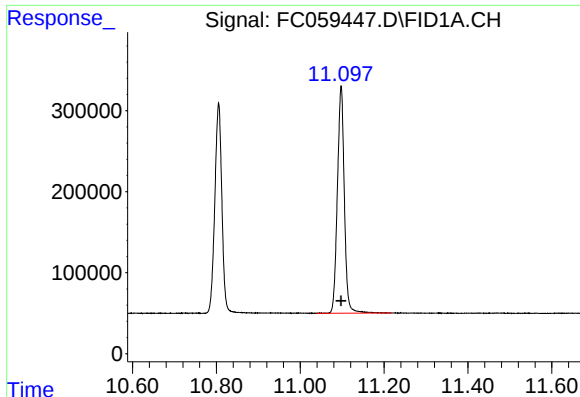
#7 n-Hexadecane (C16)

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 2991384
Conc: 21.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.805 min
Delta R.T.: 0.000 min
Response: 3023228
Conc: 20.70 ug/ml



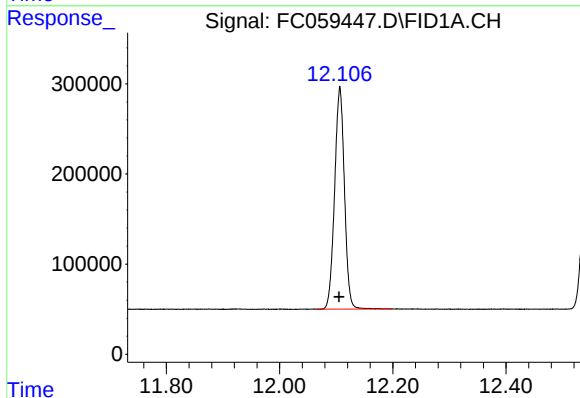
#9 ortho-Terphenyl (SURR)

R.T.: 11.097 min
Delta R.T.: 0.000 min
Response: 3224551
Conc: 20.07 ug/ml

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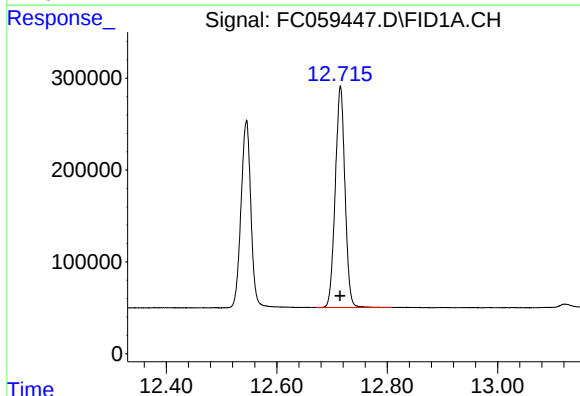
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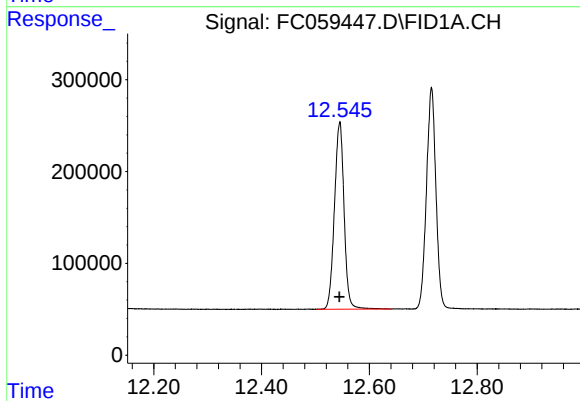
#10 n-Eicosane (C20)

R.T.: 12.106 min
Delta R.T.: 0.000 min
Response: 2968418
Conc: 19.79 ug/ml



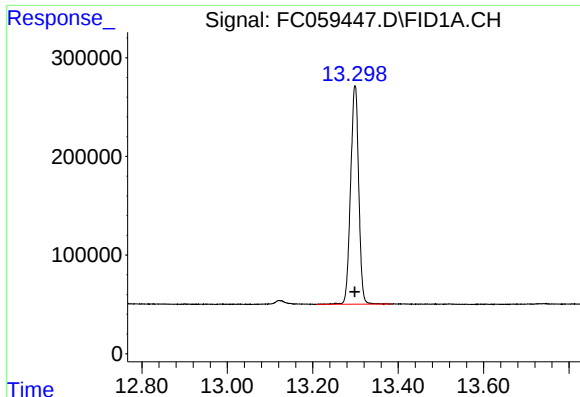
#11 n-Heneicosane (C21)

R.T.: 12.715 min
Delta R.T.: 0.000 min
Response: 2939624
Conc: 19.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.545 min
Delta R.T.: 0.000 min
Response: 2528422
Conc: 19.36 ug/ml



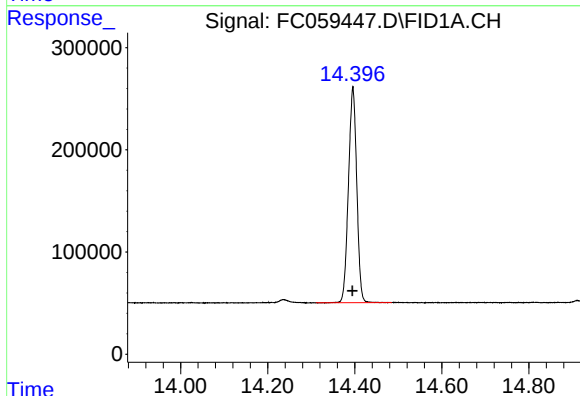
#13 n-Docosane (C22)

R.T.: 13.299 min
Delta R.T.: 0.000 min
Response: 2922553
Conc: 19.07 ug/ml

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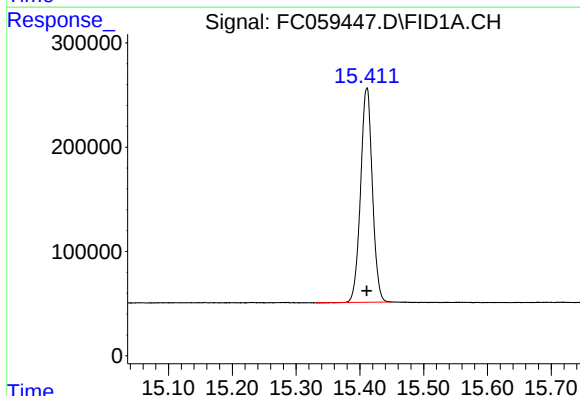
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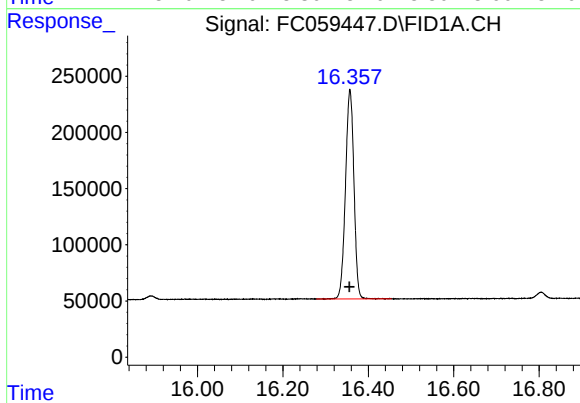
#14 n-Tetracosane (C24)

R.T.: 14.395 min
Delta R.T.: 0.001 min
Response: 2793623
Conc: 18.04 ug/ml



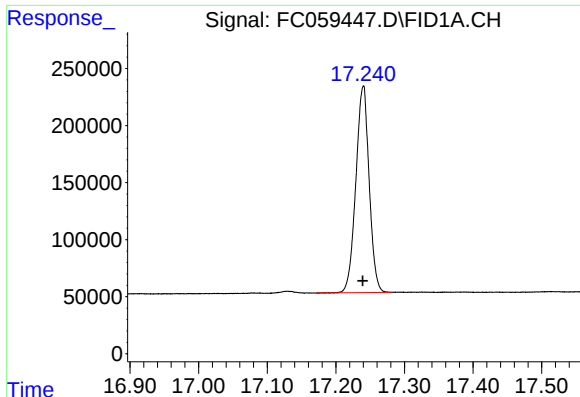
#15 n-Hexacosane (C26)

R.T.: 15.411 min
Delta R.T.: 0.000 min
Response: 2640784
Conc: 17.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.357 min
Delta R.T.: 0.000 min
Response: 2551170
Conc: 16.48 ug/ml



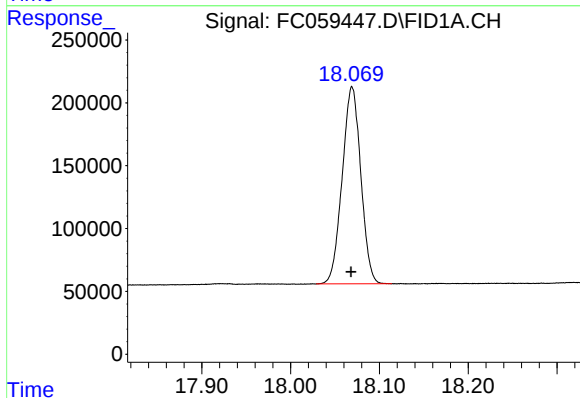
#17 n-Tricontane (C30)

R.T.: 17.239 min
Delta R.T.: 0.000 min
Response: 2443033
Conc: 16.08 ug/ml

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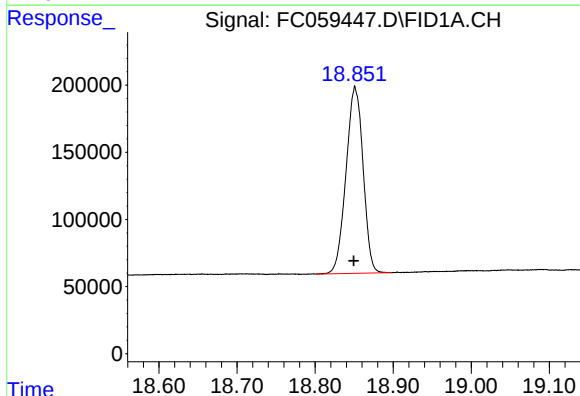
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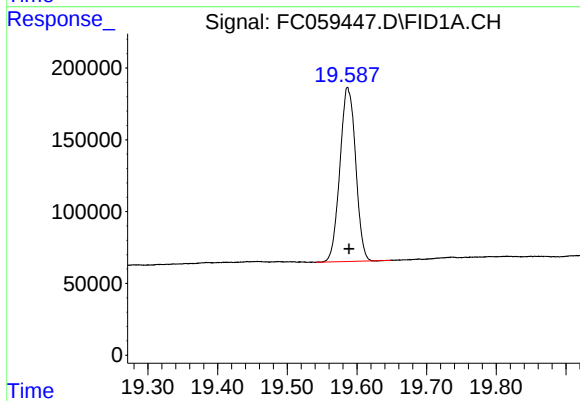
#18 n-Dotriacontane (C32)

R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 2284467
Conc: 16.21 ug/ml m



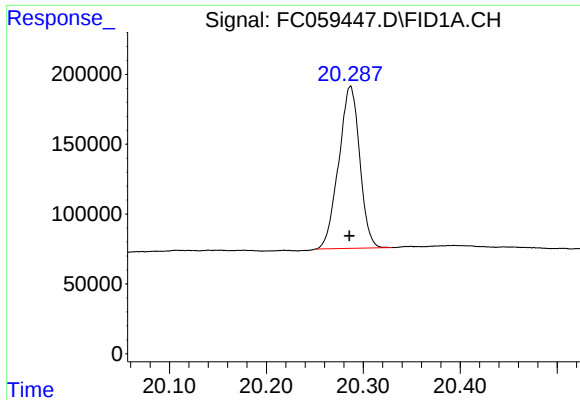
#19 n-Tetratriacontane (C34)

R.T.: 18.851 min
Delta R.T.: 0.002 min
Response: 2103712
Conc: 16.64 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.587 min
Delta R.T.: -0.001 min
Response: 1899890
Conc: 17.37 ug/ml



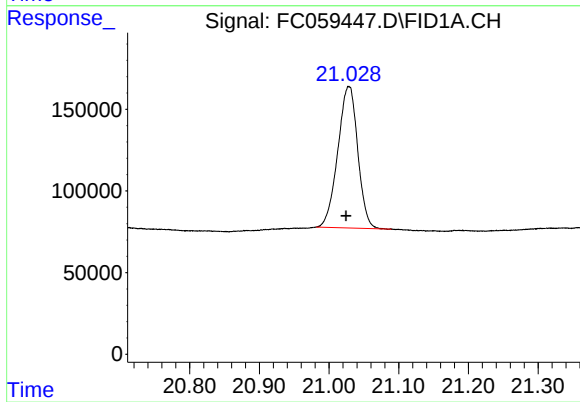
#21 n-Octatriacontane (C38)

R.T.: 20.286 min
Delta R.T.: 0.000 min
Response: 1744249
Conc: 18.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.028 min
Delta R.T.: 0.003 min
Response: 1721549
Conc: 20.61 ug/ml