

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061822AL\
 Data File : FC060342.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jun 2022 5:58
 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 06/20/2022
 Supervised By :Ankita Jodhani 06/20/2022

Integration File: autoint1.e
 Quant Time: Jun 20 01:48:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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)	10.659	2839537	18.246 ug/ml
Spiked Amount 50.000		Recovery =	36.49%
12) S 1-chlorooctadecane (S...	12.030	2229631	17.983 ug/ml
Spiked Amount 50.000		Recovery =	35.97%
Target Compounds			
1) T n-Nonane (C9)	2.622	2675616	20.905 ug/ml
2) T n-Decane (C10)	3.623	2674319	20.904 ug/ml
3) T A~Naphthalene (C11.7)	5.168	2962068	20.493 ug/ml
4) T n-Dodecane (C12)	5.581	2755355	20.669 ug/ml
5) T A~2-methylnaphthalene...	6.195	2986760	20.350 ug/ml
6) T n-Tetradecane (C14)	7.335	2771527	20.302 ug/ml
7) T n-Hexadecane (C16)	8.901	2770637	19.747 ug/ml
8) T n-Octadecane (C18)	10.313	2737456	19.129 ug/ml
10) T n-Eicosane (C20)	11.594	2623016	18.385 ug/ml
11) T n-Heneicosane (C21)	12.193	2586391	18.044 ug/ml
13) T n-Docosane (C22)	12.767	2543131	17.847 ug/ml
14) T n-Tetracosane (C24)	13.847	2452955	17.480 ug/ml
15) T n-Hexacosane (C26)	14.846	2378757	17.566 ug/ml
16) T n-Octacosane (C28)	15.776	2353522	18.071 ug/ml
17) T n-Tricontane (C30)	16.645	2399509	19.600 ug/ml
18) T n-Dotriacontane (C32)	17.460	2392633	21.459 ug/mlm
19) T n-Tetratriacontane (C34)	18.226	2383350	23.367 ug/mlm
20) T n-Hexatriacontane (C36)	18.950	2292480	24.208 ug/mlm
21) T n-Octatriacontane (C38)	19.634	2223473	24.099 ug/mlm
22) T n-Tetracontane (C40)	20.281	2376394	25.258 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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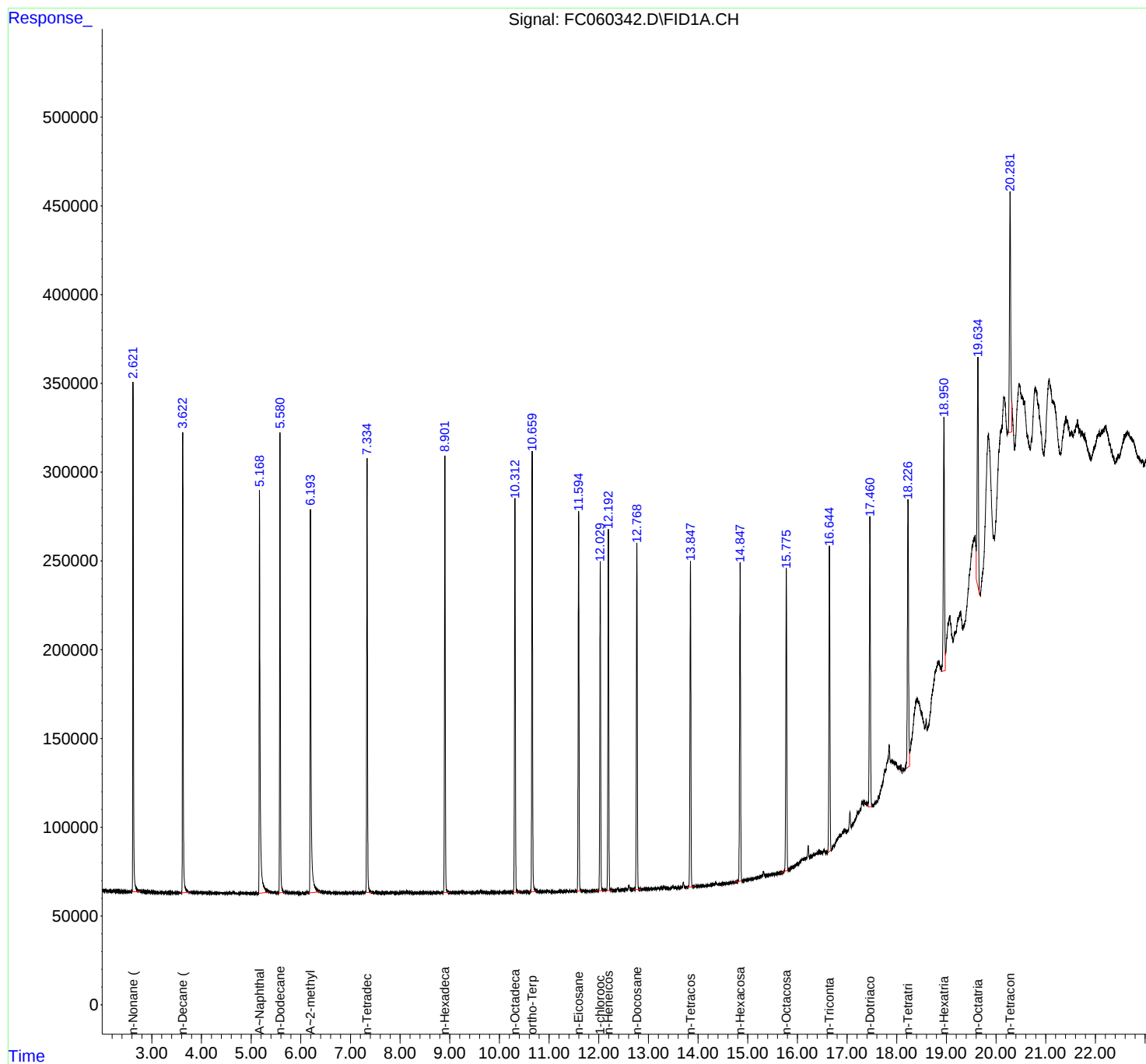
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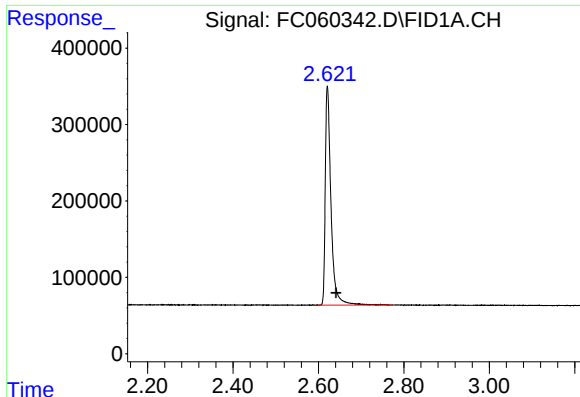
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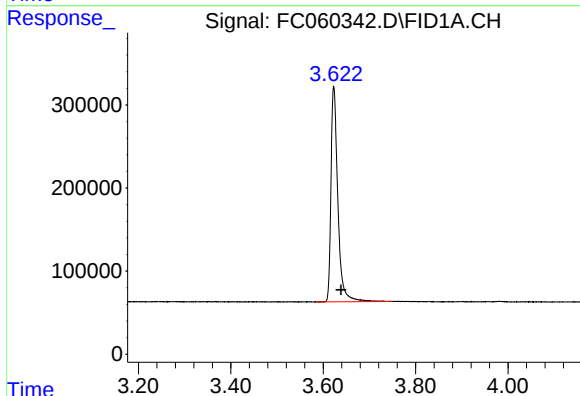
#1 n-Nonane (C9)

R.T.: 2.622 min
Delta R.T.: -0.019 min
Response: 2675616
Conc: 20.91 ug/ml

Instrument :
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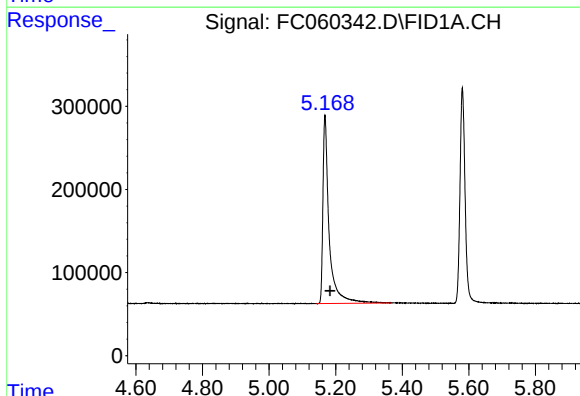
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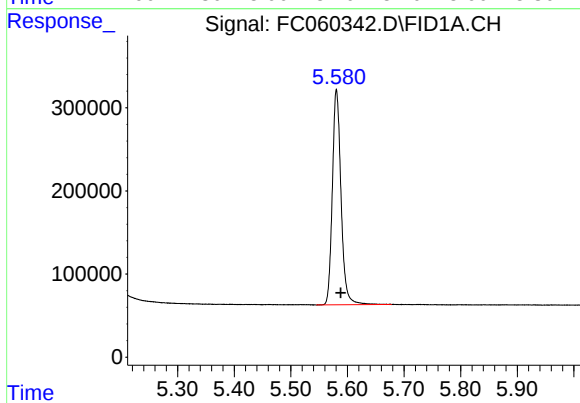
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.015 min
Response: 2674319
Conc: 20.90 ug/ml



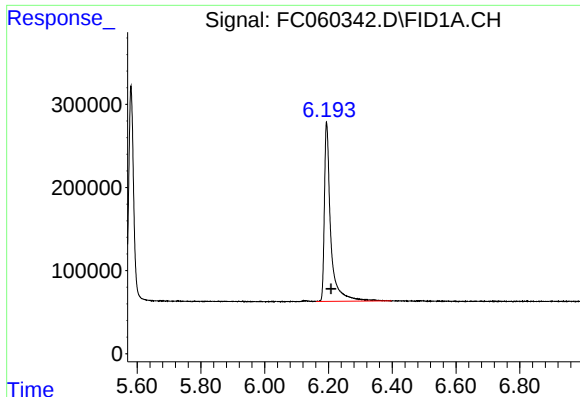
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min
Delta R.T.: -0.015 min
Response: 2962068
Conc: 20.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.581 min
Delta R.T.: -0.007 min
Response: 2755355
Conc: 20.67 ug/ml



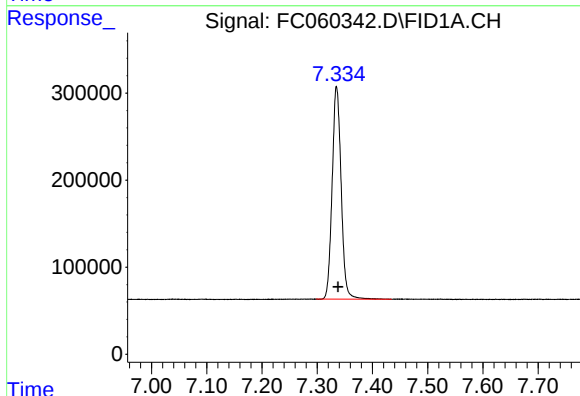
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.195 min
Delta R.T.: -0.013 min
Response: 2986760
Conc: 20.35 ug/ml

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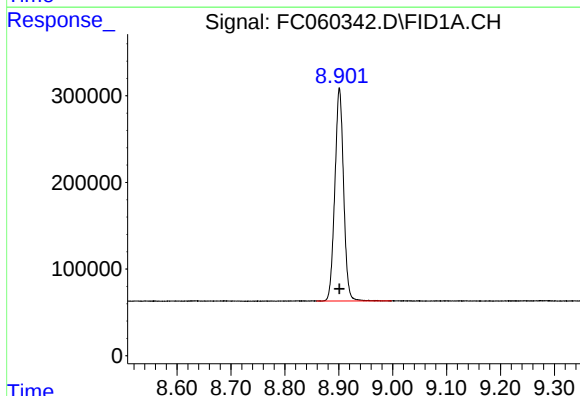
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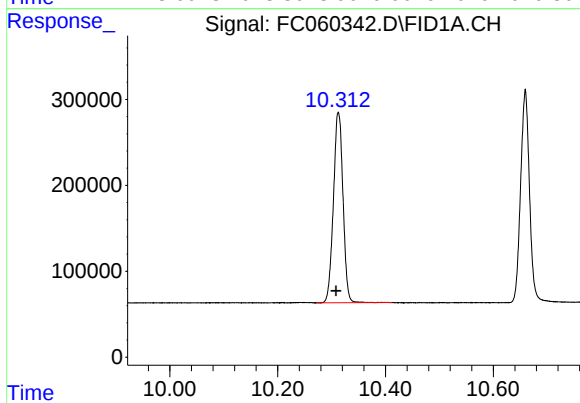
#6 n-Tetradecane (C14)

R.T.: 7.335 min
Delta R.T.: -0.002 min
Response: 2771527
Conc: 20.30 ug/ml



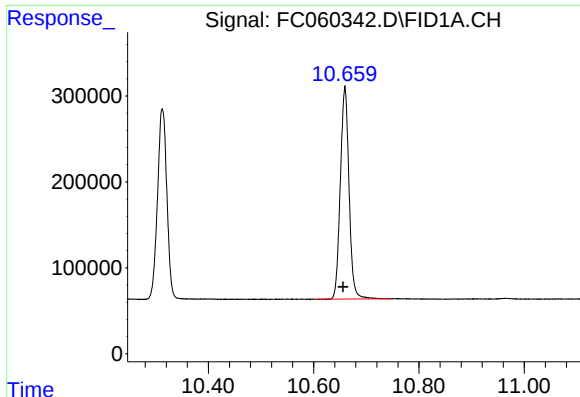
#7 n-Hexadecane (C16)

R.T.: 8.901 min
Delta R.T.: 0.000 min
Response: 2770637
Conc: 19.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.313 min
Delta R.T.: 0.005 min
Response: 2737456
Conc: 19.13 ug/ml



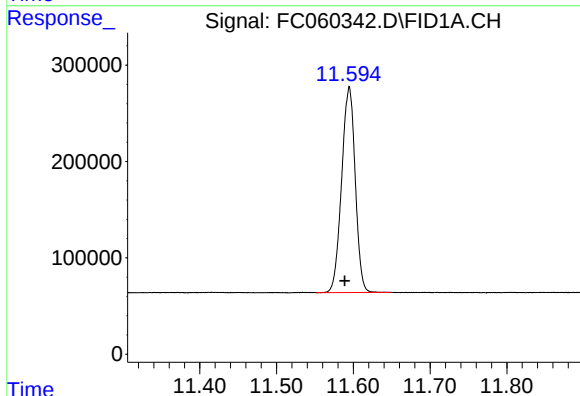
#9 ortho-Terphenyl (SURR)

R.T.: 10.659 min
Delta R.T.: 0.003 min
Response: 2839537
Conc: 18.25 ug/ml

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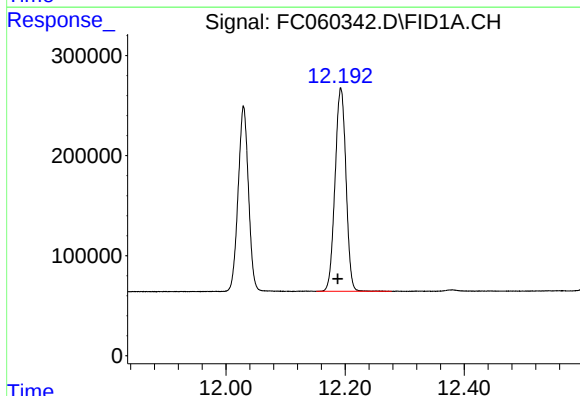
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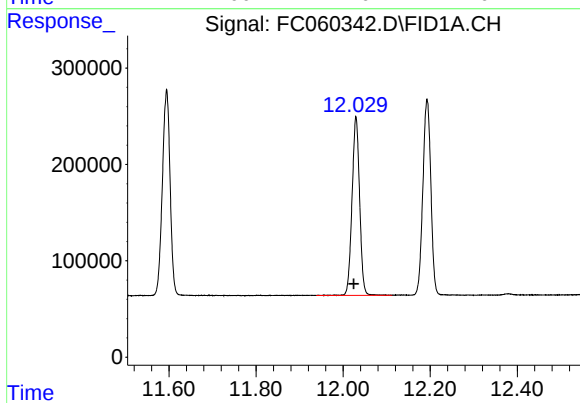
#10 n-Eicosane (C20)

R.T.: 11.594 min
Delta R.T.: 0.005 min
Response: 2623016
Conc: 18.39 ug/ml



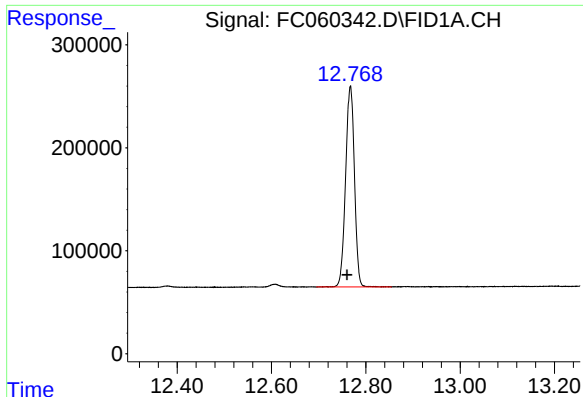
#11 n-Heneicosane (C21)

R.T.: 12.193 min
Delta R.T.: 0.005 min
Response: 2586391
Conc: 18.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.030 min
Delta R.T.: 0.005 min
Response: 2229631
Conc: 17.98 ug/ml



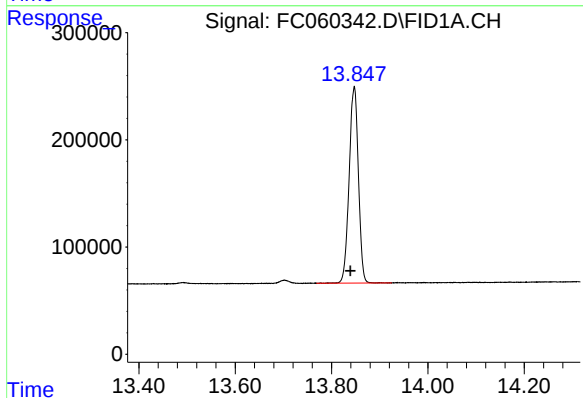
#13 n-Docosane (C22)

R.T.: 12.767 min
Delta R.T.: 0.006 min
Response: 2543131
Conc: 17.85 ug/ml

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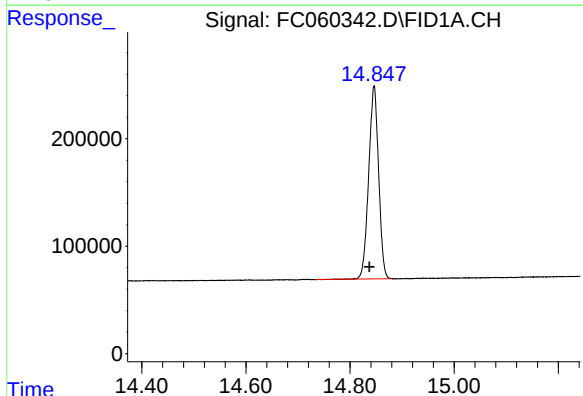
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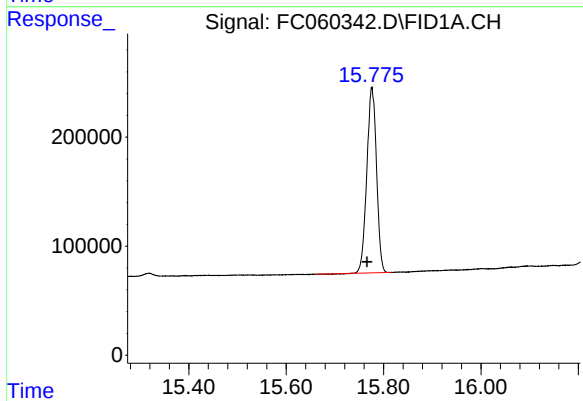
#14 n-Tetracosane (C24)

R.T.: 13.847 min
Delta R.T.: 0.008 min
Response: 2452955
Conc: 17.48 ug/ml



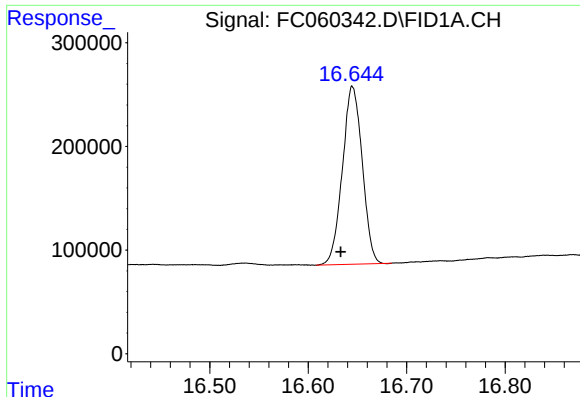
#15 n-Hexacosane (C26)

R.T.: 14.846 min
Delta R.T.: 0.009 min
Response: 2378757
Conc: 17.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.776 min
Delta R.T.: 0.010 min
Response: 2353522
Conc: 18.07 ug/ml



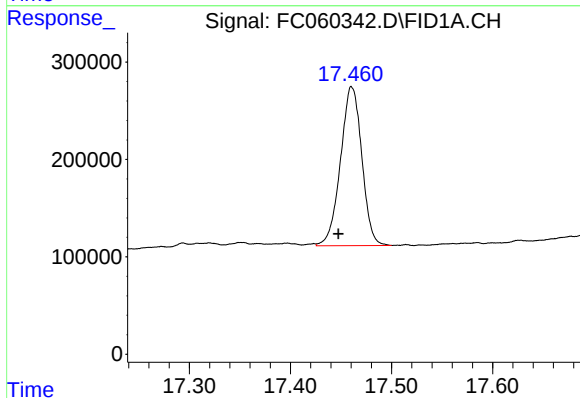
#17 n-Tricontane (C30)

R.T.: 16.645 min
Delta R.T.: 0.012 min
Response: 2399509
Conc: 19.60 ug/ml

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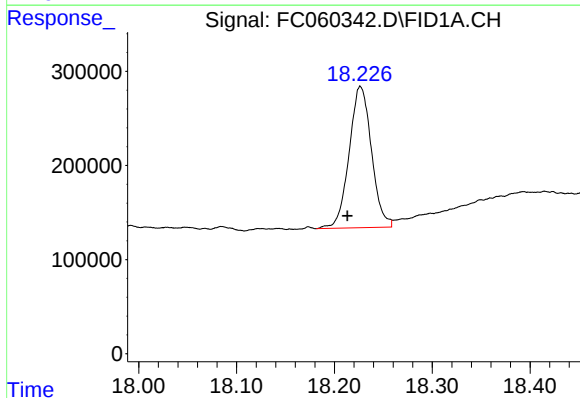
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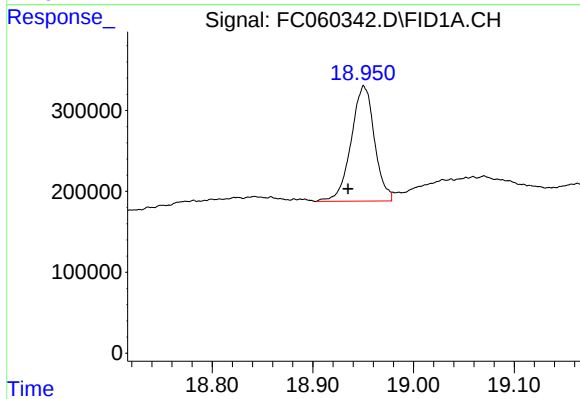
#18 n-Dotriacontane (C32)

R.T.: 17.460 min
Delta R.T.: 0.012 min
Response: 2392633
Conc: 21.46 ug/ml m



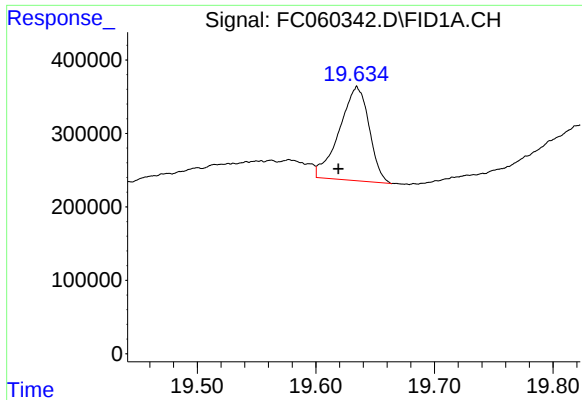
#19 n-Tetratriacontane (C34)

R.T.: 18.226 min
Delta R.T.: 0.013 min
Response: 2383350
Conc: 23.37 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.950 min
Delta R.T.: 0.015 min
Response: 2292480
Conc: 24.21 ug/ml m



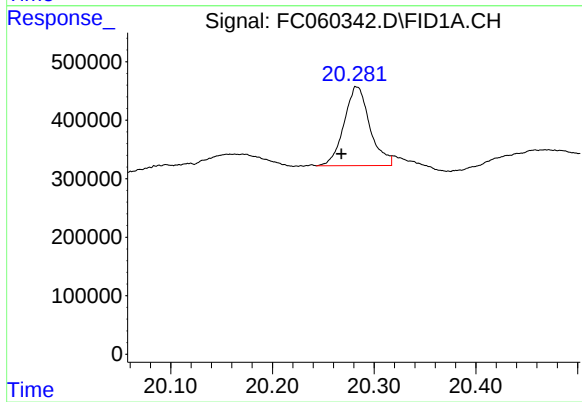
#21 n-Octatriacontane (C38)

R.T.: 19.634 min
Delta R.T.: 0.015 min
Response: 2223473
Conc: 24.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.281 min
Delta R.T.: 0.013 min
Response: 2376394
Conc: 25.26 ug/ml m