

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061422AL\
 Data File : FC060237.D
 Signal(s) : FID1A.CH
 Acq On : 14 Jun 2022 19:53
 Operator : UA/NP
 Sample : N3319-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TR-06-061022MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/15/2022
 Supervised By :Ankita Jodhani 06/15/2022

Integration File: autoint1.e
 Quant Time: Jun 15 01:20:42 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)	10.654	5452993	35.040 ug/mlm
Spiked Amount 50.000		Recovery =	70.08%
12) S 1-chlorooctadecane (S...	12.129f	229860421	1853.881 ug/mlm
Spiked Amount 50.000		Recovery =	3707.76%
Target Compounds			
1) T n-Nonane (C9)	2.629	4784416	37.382 ug/ml
2) T n-Decane (C10)	3.627	5312628	41.527 ug/ml
3) T A~Naphthalene (C11.7)	5.162	7149193	49.462 ug/ml
4) T n-Dodecane (C12)	5.579	6663202	49.984 ug/ml
5) T A~2-methylnaphthalene...	6.189	7846335	53.461 ug/ml
6) T n-Tetradecane (C14)	7.336	7954748	58.270 ug/ml
7) T n-Hexadecane (C16)	8.900	8192724	58.391 ug/mlm
8) T n-Octadecane (C18)	10.311	8492787	59.345 ug/mlm
10) T n-Eicosane (C20)	11.594	8383267	58.760 ug/mlm
11) T n-Heneicosane (C21)	12.176	102747530	716.820 ug/mlm
13) T n-Docosane (C22)	12.773	7792660	54.686 ug/mlm
14) T n-Tetracosane (C24)	13.850	14979259	106.743 ug/ml
15) T n-Hexacosane (C26)	14.847	7164322	52.906 ug/ml
16) T n-Octacosane (C28)	15.774	7140586	54.828 ug/ml
17) T n-Tricontane (C30)	16.647	6713248	54.835 ug/mlm
18) T n-Dotriacontane (C32)	17.459	6808932	61.069 ug/ml
19) T n-Tetratriacontane (C34)	18.226	6304852	61.815 ug/ml
20) T n-Hexatriacontane (C36)	18.953	6027127	63.645 ug/mlm
21) T n-Octatriacontane (C38)	19.637	5918442	64.148 ug/mlm
22) T n-Tetracontane (C40)	20.289	6895185	73.286 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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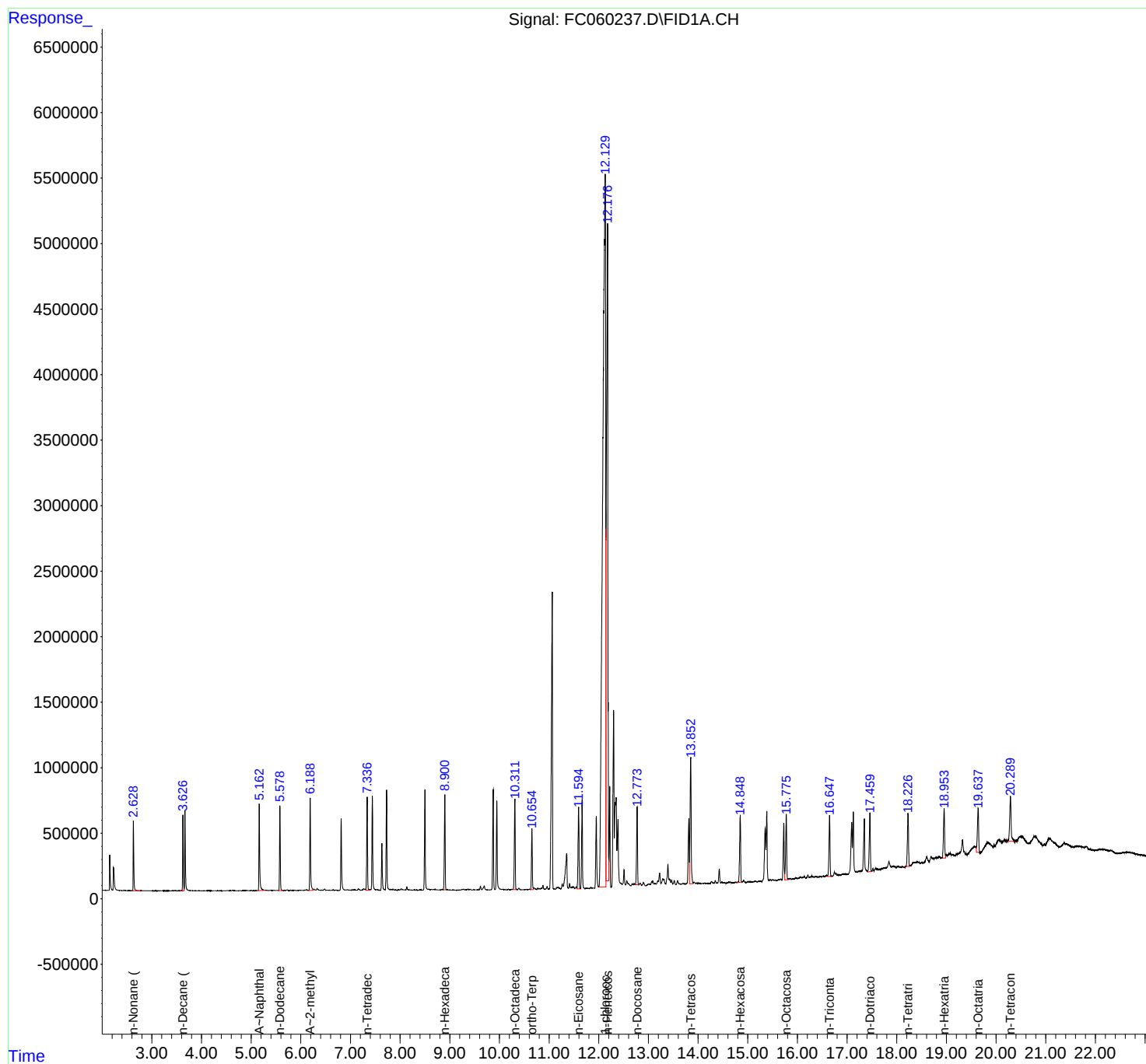
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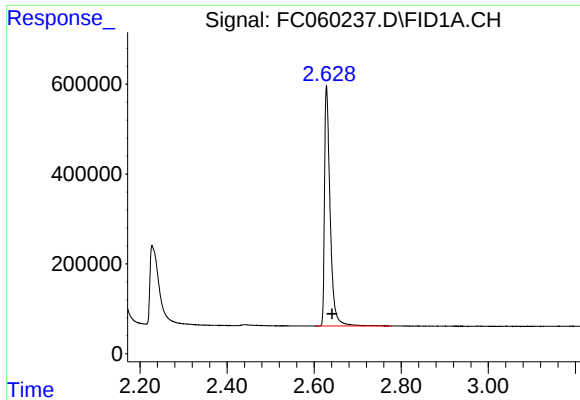
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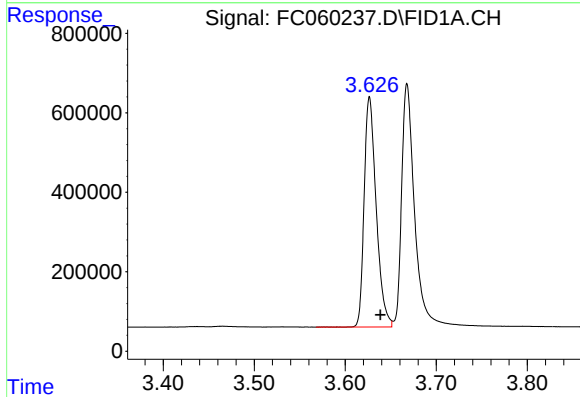
#1 n-Nonane (C9)

R.T.: 2.629 min
Delta R.T.: -0.012 min
Response: 4784416
Conc: 37.38 ug/ml

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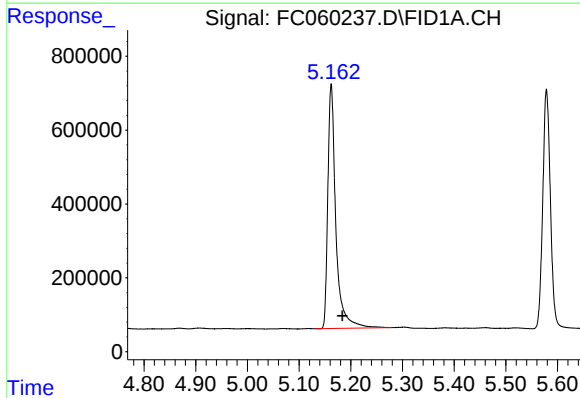
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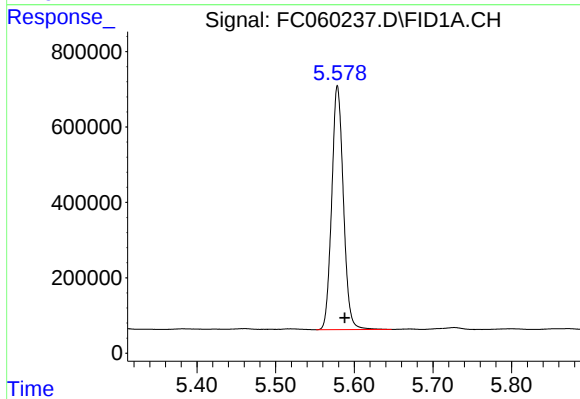
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: -0.012 min
Response: 5312628
Conc: 41.53 ug/ml



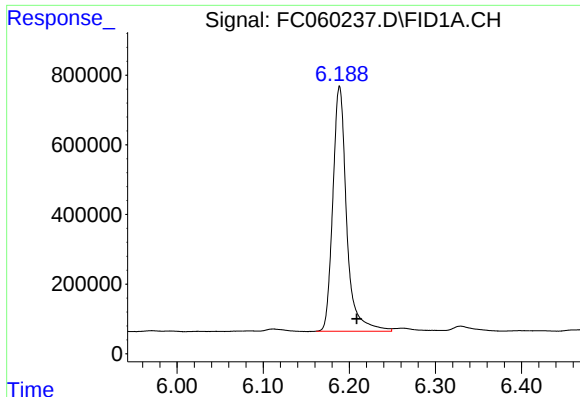
#3 A~Naphthalene (C11.7)

R.T.: 5.162 min
Delta R.T.: -0.021 min
Response: 7149193
Conc: 49.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.579 min
Delta R.T.: -0.009 min
Response: 6663202
Conc: 49.98 ug/ml



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

R.T.: 6.189 min
Delta R.T.: -0.020 min
Response: 7846335
Conc: 53.46 ug/ml

Instrument :

FID_C

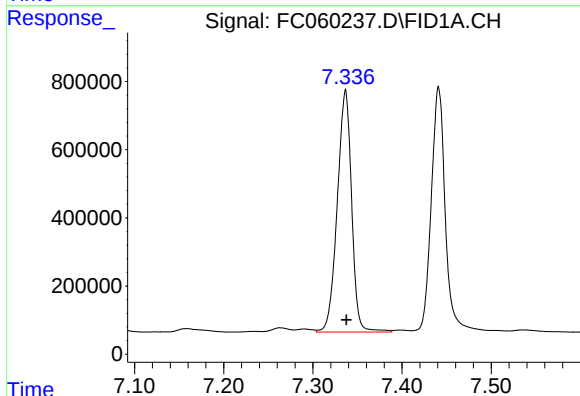
ClientSampleId :

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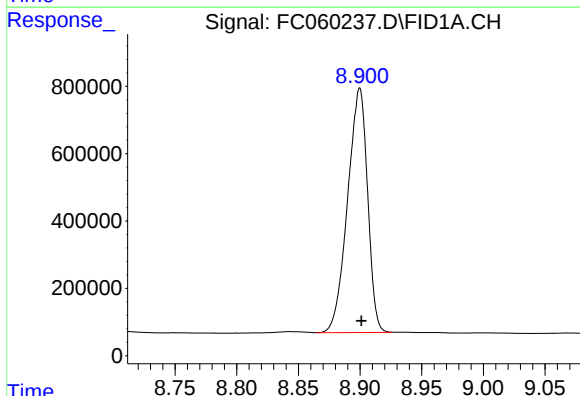
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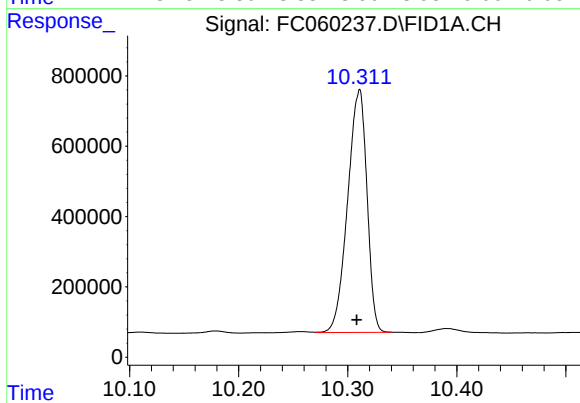
#6 n-Tetradecane (C14)

R.T.: 7.336 min
Delta R.T.: -0.001 min
Response: 7954748
Conc: 58.27 ug/ml



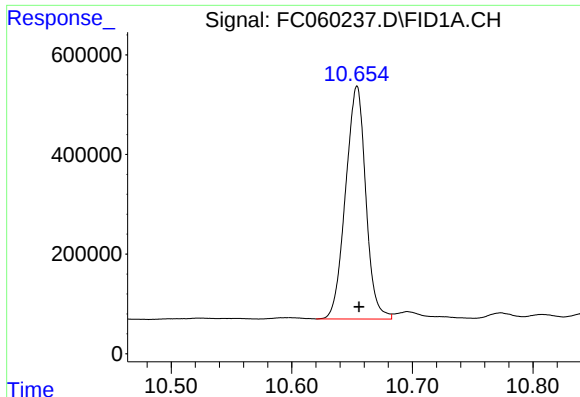
#7 n-Hexadecane (C16)

R.T.: 8.900 min
Delta R.T.: -0.002 min
Response: 8192724
Conc: 58.39 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.311 min
Delta R.T.: 0.003 min
Response: 8492787
Conc: 59.35 ug/ml m



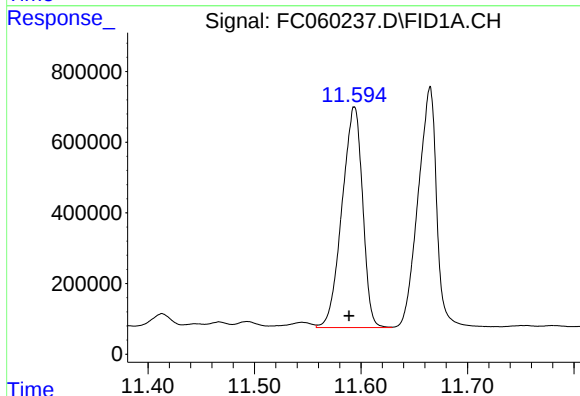
#9 ortho-Terphenyl (SURR)

R.T.: 10.654 min
Delta R.T.: -0.002 min
Response: 5452993
Conc: 35.04 ug/ml

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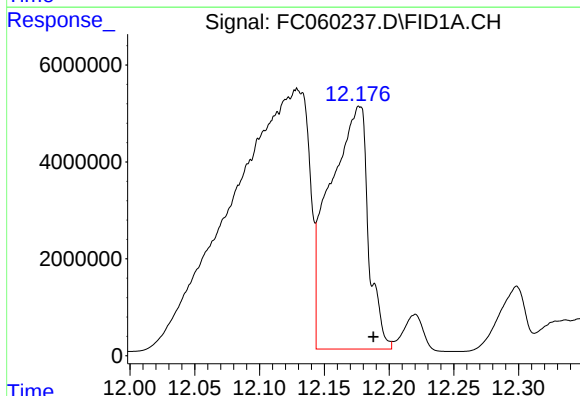
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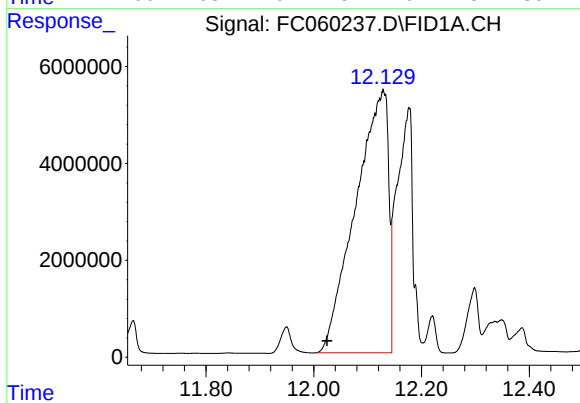
#10 n-Eicosane (C20)

R.T.: 11.594 min
Delta R.T.: 0.005 min
Response: 8383267
Conc: 58.76 ug/ml m



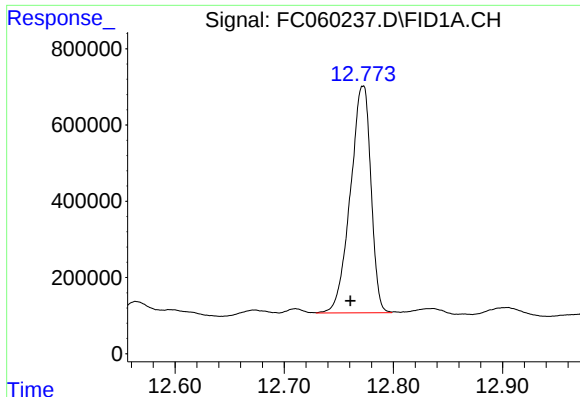
#11 n-Heneicosane (C21)

R.T.: 12.176 min
Delta R.T.: -0.012 min
Response: 102747530
Conc: 716.82 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.129 min
Delta R.T.: 0.104 min
Response: 229860421
Conc: 1853.88 ug/ml m



#13 n-Docosane (C22)

R.T.: 12.773 min
Delta R.T.: 0.012 min
Response: 7792660
Conc: 54.69 ug/ml

Instrument :

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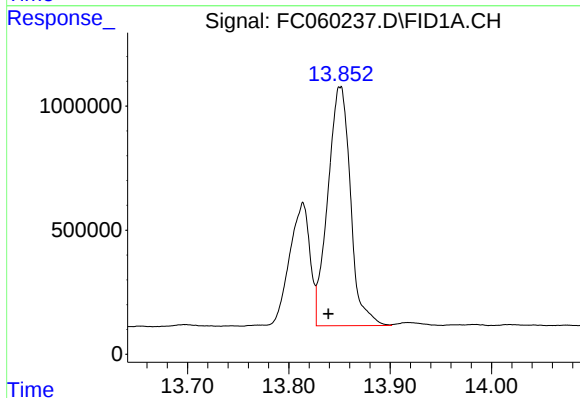
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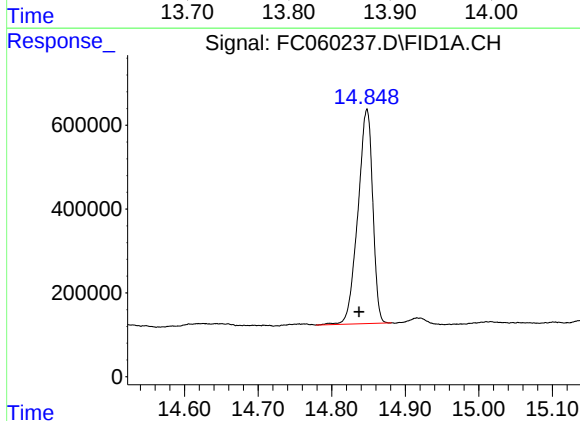
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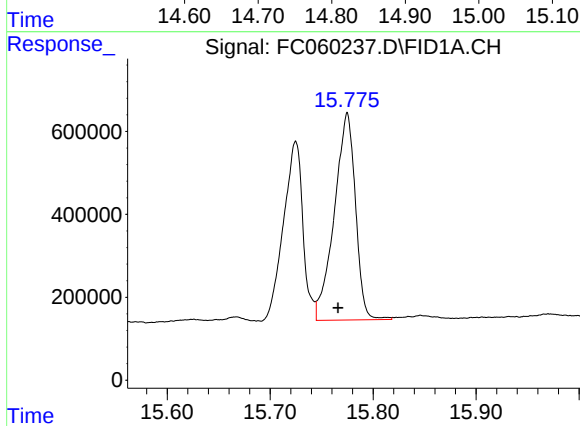
#14 n-Tetracosane (C24)

R.T.: 13.850 min
Delta R.T.: 0.011 min
Response: 14979259
Conc: 106.74 ug/ml



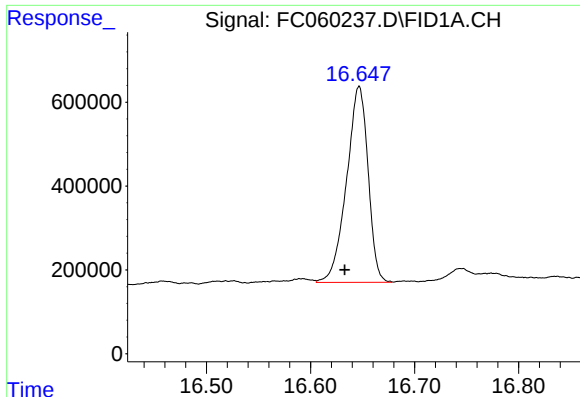
#15 n-Hexacosane (C26)

R.T.: 14.847 min
Delta R.T.: 0.010 min
Response: 7164322
Conc: 52.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.774 min
Delta R.T.: 0.008 min
Response: 7140586
Conc: 54.83 ug/ml



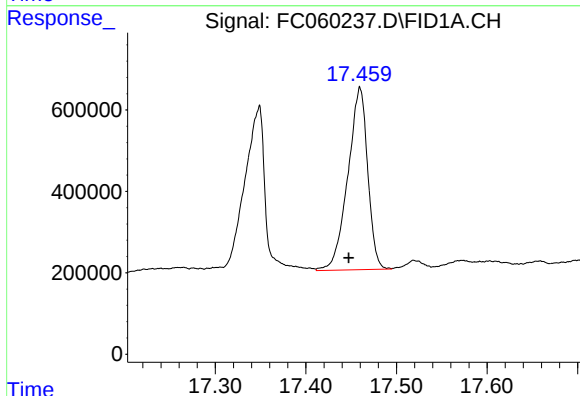
#17 n-Tricontane (C30)

R.T.: 16.647 min
Delta R.T.: 0.014 min
Response: 6713248
Conc: 54.84 ug/ml

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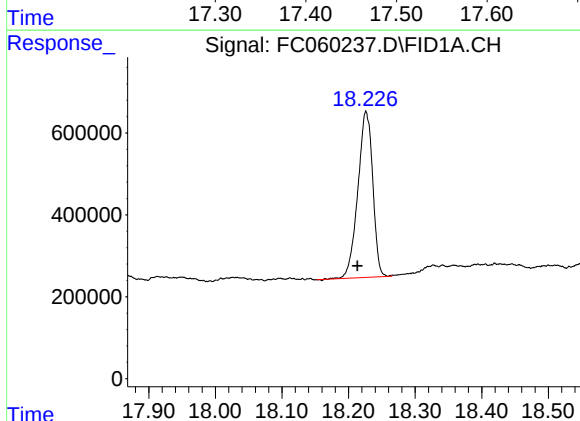
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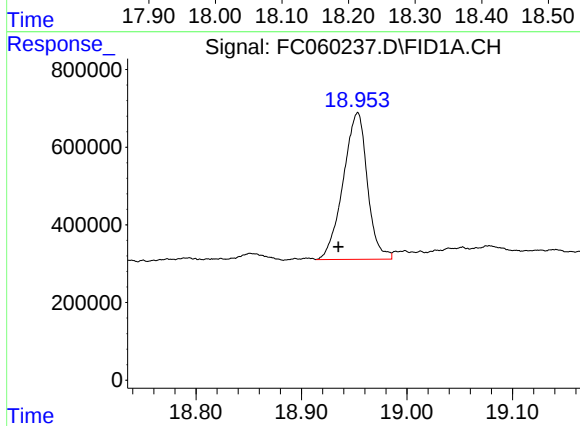
#18 n-Dotriacontane (C32)

R.T.: 17.459 min
Delta R.T.: 0.011 min
Response: 6808932
Conc: 61.07 ug/ml



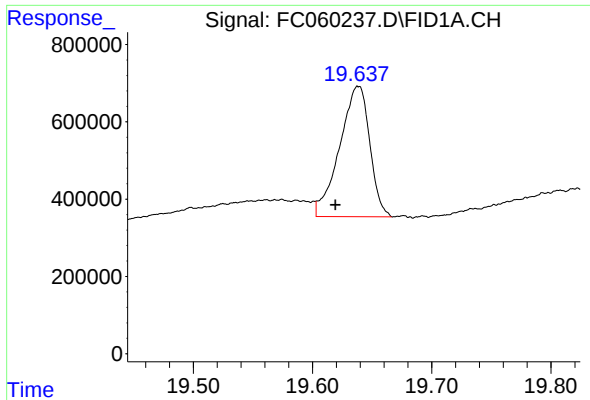
#19 n-Tetratriacontane (C34)

R.T.: 18.226 min
Delta R.T.: 0.013 min
Response: 6304852
Conc: 61.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.953 min
Delta R.T.: 0.018 min
Response: 6027127
Conc: 63.65 ug/ml m



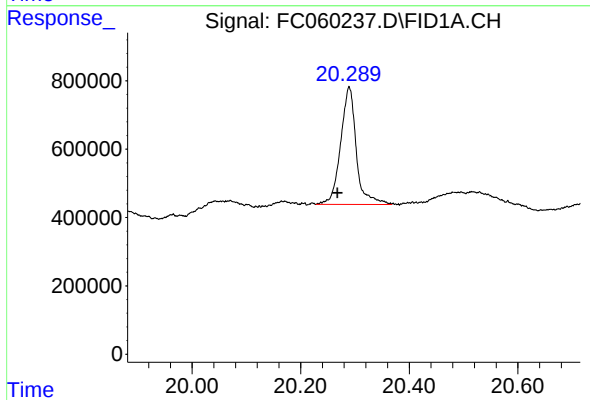
#21 n-Octatriacontane (C38)

R.T.: 19.637 min
Delta R.T.: 0.018 min
Response: 5918442
Conc: 64.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.289 min
Delta R.T.: 0.021 min
Response: 6895185
Conc: 73.29 ug/ml m