

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102318AL\
 Data File : FC037058.D
 Signal(s) : FID1A.CH
 Acq On : 24 Oct 2018 11:34
 Operator : AJ\SJ
 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

Sohil
 10/24/2018 2:00:30 PM

Integration File: autoint1.e
 Quant Time: Oct 24 12:06:18 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 19 15:53:26 2018
 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)	11.369	2145854	24.184 ug/ml
Spiked Amount 50.000		Recovery =	48.37%
12) S 1-chlorooctadecane (S...	12.811	1490342	23.462 ug/ml
Spiked Amount 50.000		Recovery =	46.92%
Target Compounds			
1) T n-Nonane (C9)	3.177	1443588	19.644 ug/ml
2) T n-Decane (C10)	4.243	1491630	20.491 ug/ml
3) T A-Naphthalene (C11.7)	5.814	1941931	23.277 ug/ml
4) T n-Dodecane (C12)	6.254	1572348	21.763 ug/ml
5) T A~2-methylnaphthalene...	6.864	1990428	24.038 ug/ml
6) T n-Tetradecane (C14)	8.039	1634623	22.615 ug/ml
7) T n-Hexadecane (C16)	9.631	1674656	22.953 ug/ml
8) T n-Octadecane (C18)	11.067	1710453	23.224 ug/ml
10) T n-Eicosane (C20)	12.370	1717066	23.487 ug/ml
11) T n-Heneicosane (C21)	12.980	1698264	23.715 ug/ml
13) T n-Docosane (C22)	13.564	1696008	23.791 ug/ml
14) T n-Tetracosane (C24)	14.663	1675499	23.633 ug/ml
15) T n-Hexacosane (C26)	15.680	1646934	23.332 ug/ml
16) T n-Octacosane (C28)	16.627	1619018	22.683 ug/ml
17) T n-Tricontane (C30)	17.511	1596273	21.020 ug/mlm
18) T n-Dotriacontane (C32)	18.338	1600105	19.957 ug/mlm
19) T n-Tetratriacontane (C34)	19.123	1535228	21.429 ug/mlm
20) T n-Hexatriacontane (C36)	19.857	1463396	21.376 ug/mlm
21) T n-Octatriacontane (C38)	20.565	1385806	20.910 ug/mlm
22) T n-Tetracontane (C40)	21.400	1642006	24.692 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\SJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

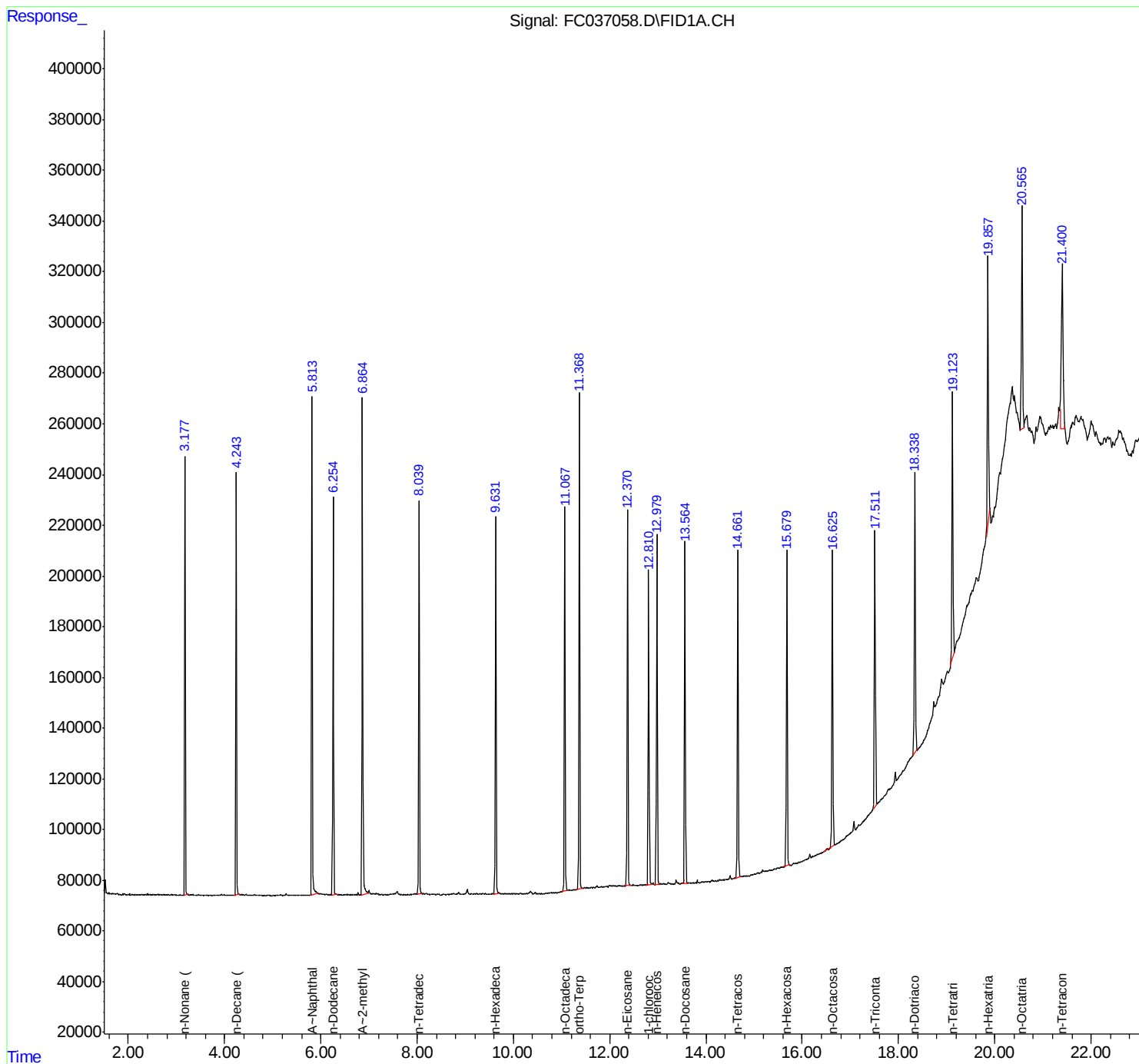
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

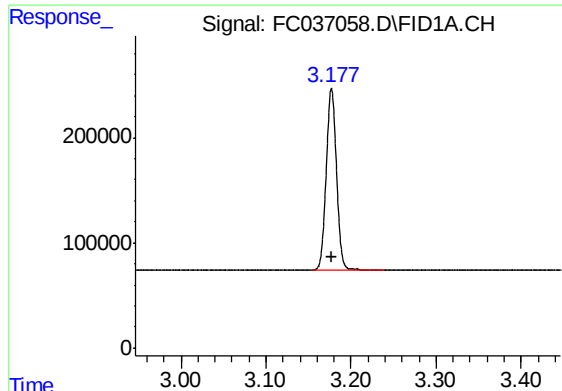
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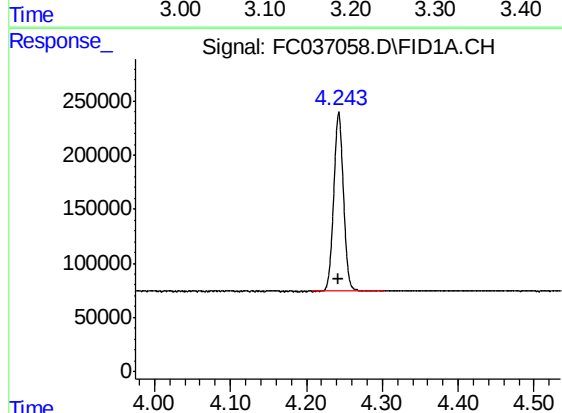
#1 n-Nonane (C9)

R.T.: 3.177 min
Delta R.T.: 0.000 min
Response: 1443588
Conc: 19.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

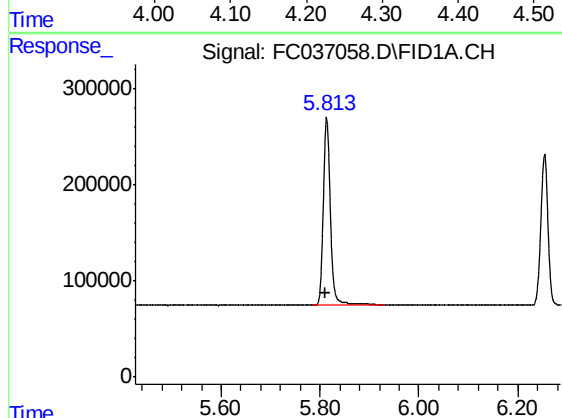
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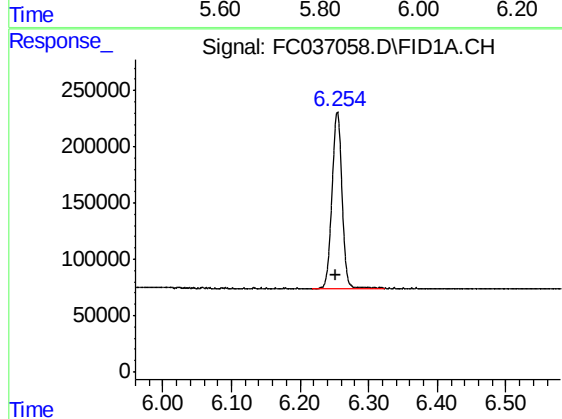
#2 n-Decane (C10)

R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 1491630
Conc: 20.49 ug/ml



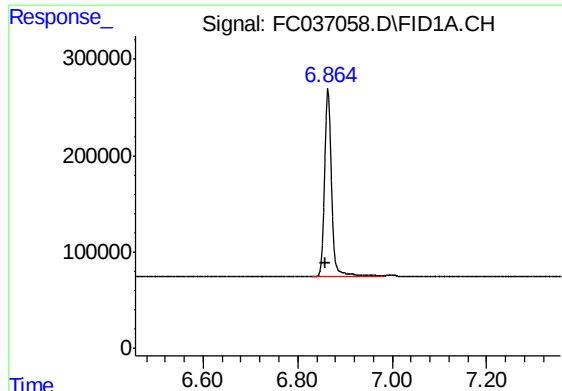
#3 A~Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: 0.004 min
Response: 1941931
Conc: 23.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.254 min
Delta R.T.: 0.003 min
Response: 1572348
Conc: 21.76 ug/ml



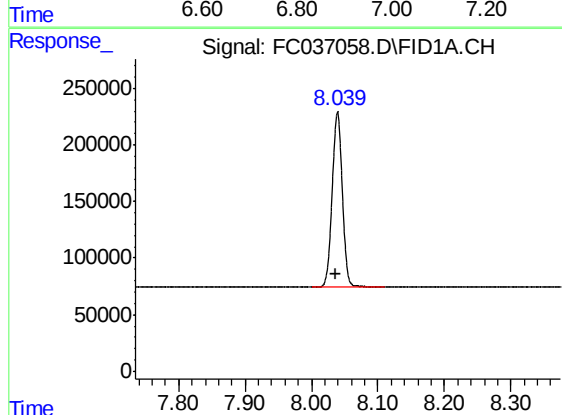
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: 0.004 min
Response: 1990428
Conc: 24.04 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

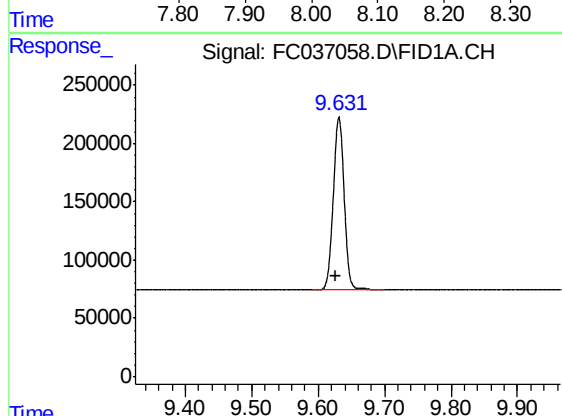
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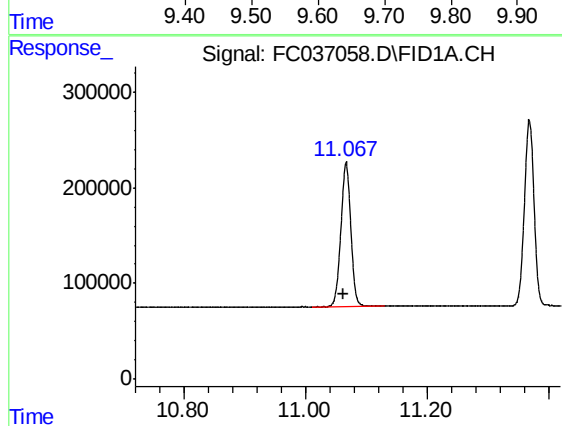
#6 n-Tetradecane (C14)

R.T.: 8.039 min
Delta R.T.: 0.003 min
Response: 1634623
Conc: 22.61 ug/ml



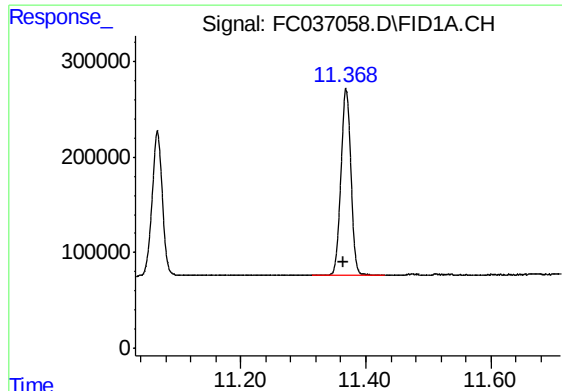
#7 n-Hexadecane (C16)

R.T.: 9.631 min
Delta R.T.: 0.004 min
Response: 1674656
Conc: 22.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.067 min
Delta R.T.: 0.005 min
Response: 1710453
Conc: 23.22 ug/ml



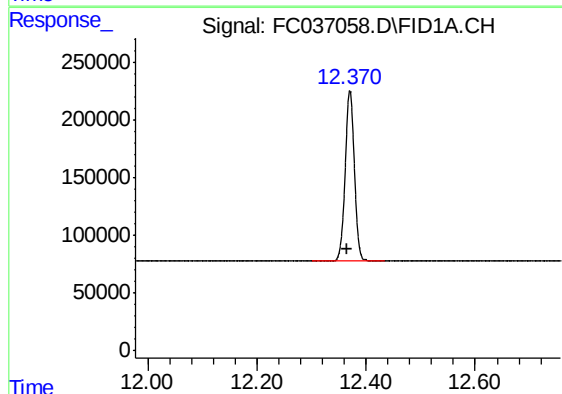
#9 ortho-Terphenyl (SURR)

R.T.: 11.369 min
Delta R.T.: 0.005 min
Response: 2145854
Conc: 24.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

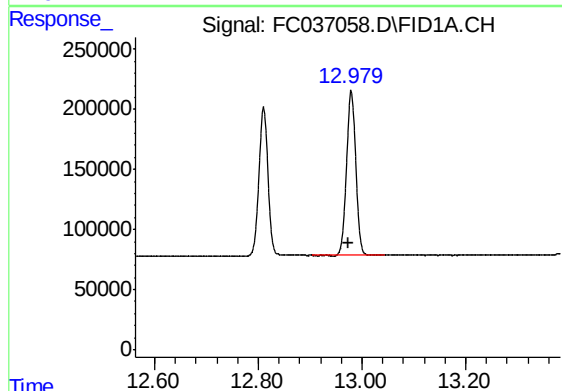
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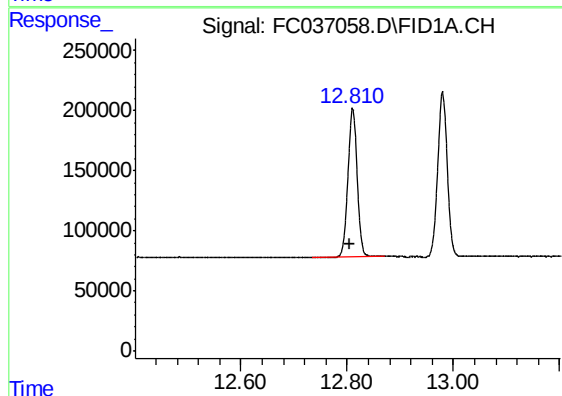
#10 n-Eicosane (C20)

R.T.: 12.370 min
Delta R.T.: 0.005 min
Response: 1717066
Conc: 23.49 ug/ml



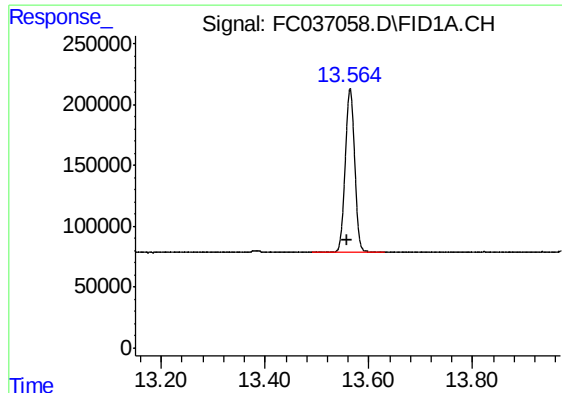
#11 n-Heneicosane (C21)

R.T.: 12.980 min
Delta R.T.: 0.005 min
Response: 1698264
Conc: 23.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.811 min
Delta R.T.: 0.005 min
Response: 1490342
Conc: 23.46 ug/ml



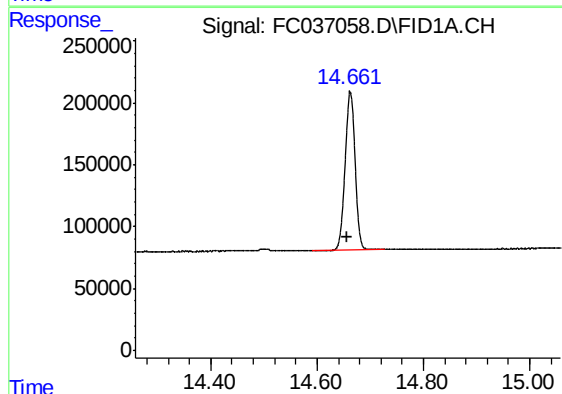
#13 n-Docosane (C22)

R.T.: 13.564 min
Delta R.T.: 0.006 min
Response: 1696008
Conc: 23.79 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

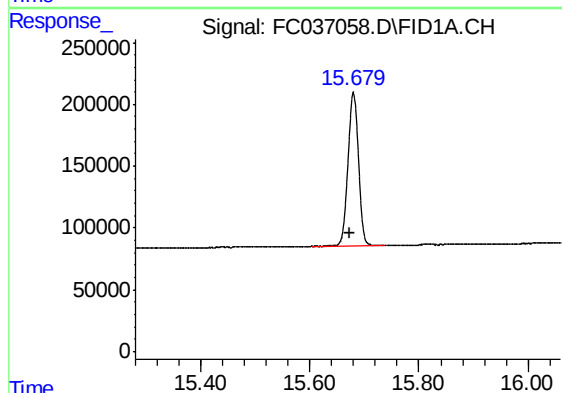
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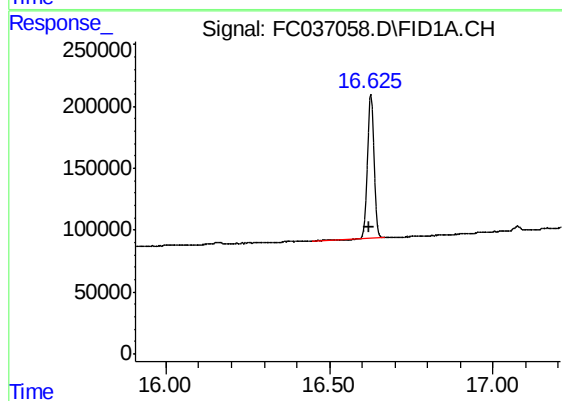
#14 n-Tetracosane (C24)

R.T.: 14.663 min
Delta R.T.: 0.006 min
Response: 1675499
Conc: 23.63 ug/ml



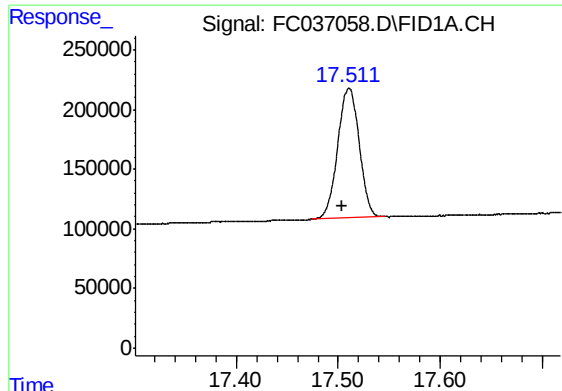
#15 n-Hexacosane (C26)

R.T.: 15.680 min
Delta R.T.: 0.006 min
Response: 1646934
Conc: 23.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.627 min
Delta R.T.: 0.007 min
Response: 1619018
Conc: 22.68 ug/ml



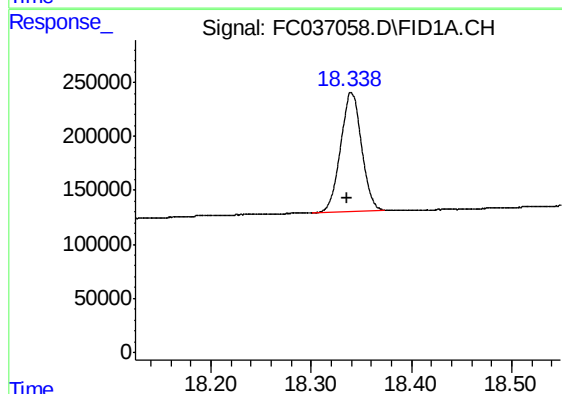
#17 n-Tricontane (C30)

R.T.: 17.511 min
Delta R.T.: 0.006 min
Response: 1596273
Conc: 21.02 ug/ml m

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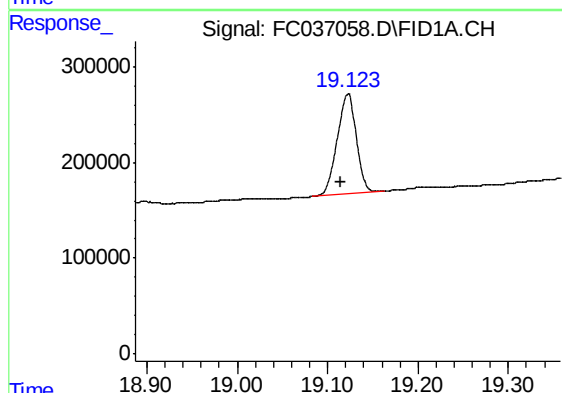
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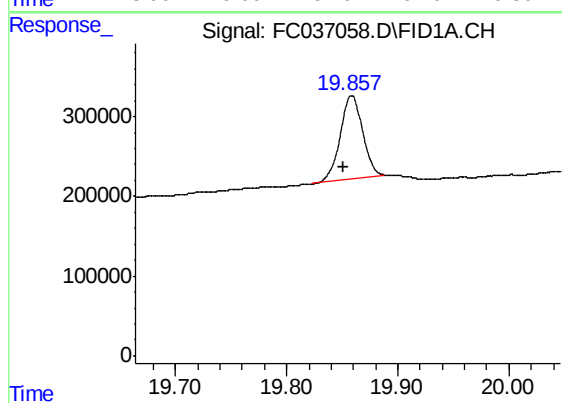
#18 n-Dotriacontane (C32)

R.T.: 18.338 min
Delta R.T.: 0.003 min
Response: 1600105
Conc: 19.96 ug/ml m



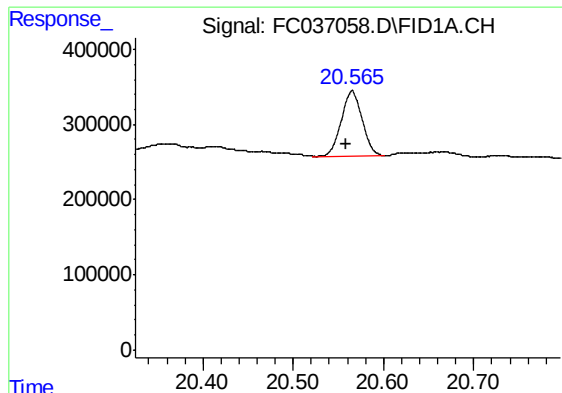
#19 n-Tetatriacontane (C34)

R.T.: 19.123 min
Delta R.T.: 0.008 min
Response: 1535228
Conc: 21.43 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.857 min
Delta R.T.: 0.005 min
Response: 1463396
Conc: 21.38 ug/ml m



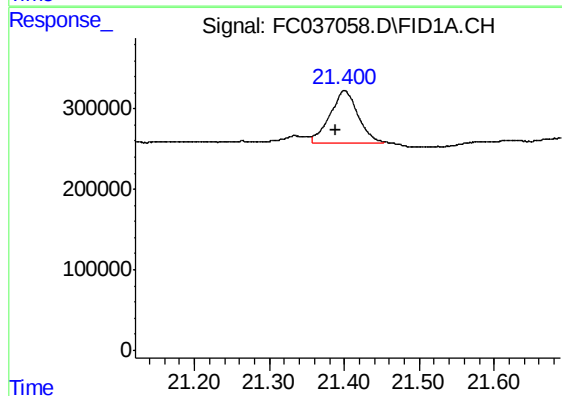
#21 n-Octatriacontane (C38)

R.T.: 20.565 min
Delta R.T.: 0.006 min
Response: 1385806
Conc: 20.91 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.400 min
Delta R.T.: 0.011 min
Response: 1642006
Conc: 24.69 ug/ml m