

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102318AL\
 Data File : FC037025.D
 Signal(s) : FID1A.CH
 Acq On : 23 Oct 2018 12:31
 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 1:59:48 PM

Integration File: autoint1.e
 Quant Time: Oct 24 04:10:21 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)	11.359	1995523	22.490 ug/ml
Spiked Amount 50.000		Recovery =	44.98%
12) S 1-chlorooctadecane (S...	12.800	1379716	21.720 ug/ml
Spiked Amount 50.000		Recovery =	43.44%
Target Compounds			
1) T n-Nonane (C9)	3.174	1406181	19.135 ug/ml
2) T n-Decane (C10)	4.239	1423236	19.552 ug/ml
3) T A-Naphthalene (C11.7)	5.807	1762260	21.123 ug/ml
4) T n-Dodecane (C12)	6.249	1460266	20.212 ug/ml
5) T A~2-methylnaphthalene...	6.856	1776929	21.460 ug/ml
6) T n-Tetradecane (C14)	8.033	1495188	20.686 ug/ml
7) T n-Hexadecane (C16)	9.623	1553972	21.299 ug/ml
8) T n-Octadecane (C18)	11.057	1570306	21.321 ug/ml
10) T n-Eicosane (C20)	12.361	1579275	21.602 ug/ml
11) T n-Heneicosane (C21)	12.971	1564983	21.854 ug/ml
13) T n-Docosane (C22)	13.555	1553732	21.795 ug/ml
14) T n-Tetracosane (C24)	14.652	1537231	21.683 ug/ml
15) T n-Hexacosane (C26)	15.669	1508156	21.366 ug/ml
16) T n-Octacosane (C28)	16.614	1490235	20.878 ug/ml
17) T n-Tricontane (C30)	17.498	1463121	19.267 ug/ml
18) T n-Dotriacontane (C32)	18.328	1468120	18.311 ug/ml
19) T n-Tetratriacontane (C34)	19.108	1423626	19.871 ug/ml
20) T n-Hexatriacontane (C36)	19.846	1352165	19.751 ug/ml
21) T n-Octatriacontane (C38)	20.552	1321890	19.945 ug/ml
22) T n-Tetracontane (C40)	21.382	1330726	20.011 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 20 PPM ALIPHATIC HC STD
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ALS Vial : 2 Sample Multiplier: 1

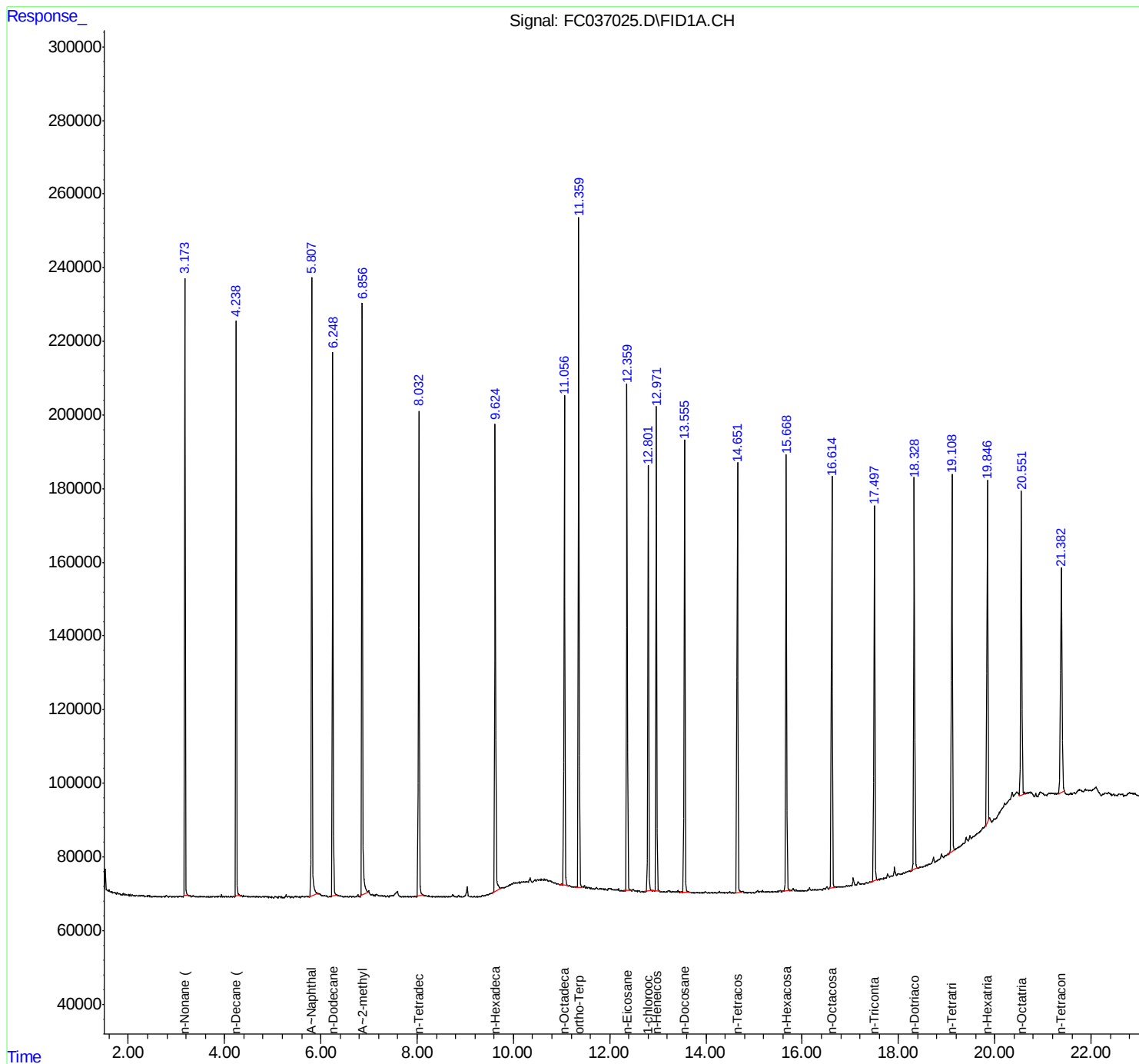
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

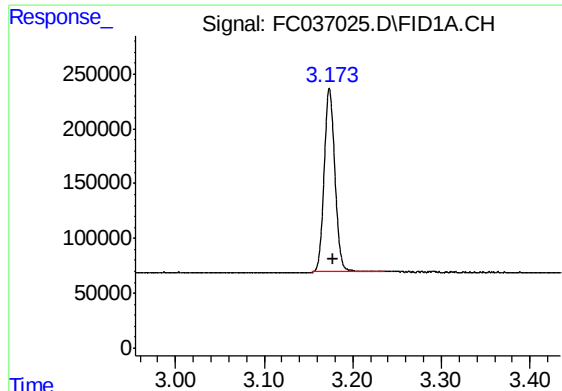
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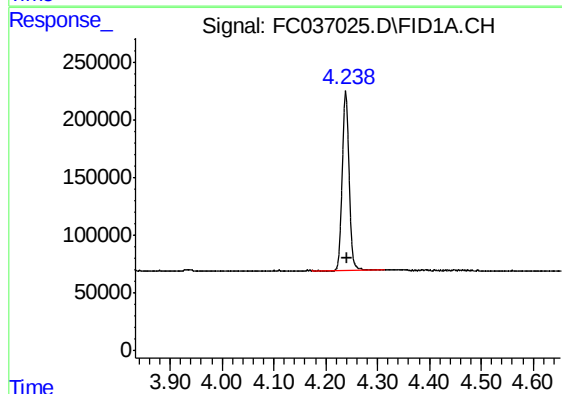
#1 n-Nonane (C9)

R.T.: 3.174 min
Delta R.T.: -0.004 min
Response: 1406181
Conc: 19.13 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

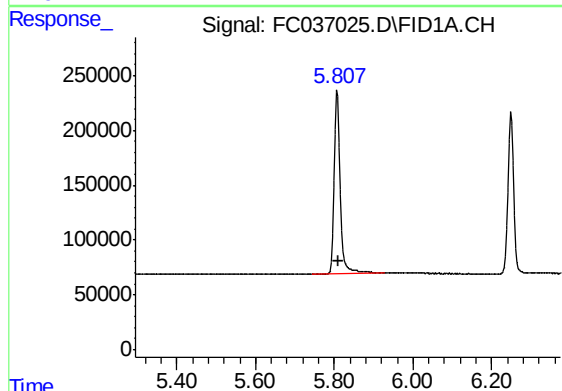
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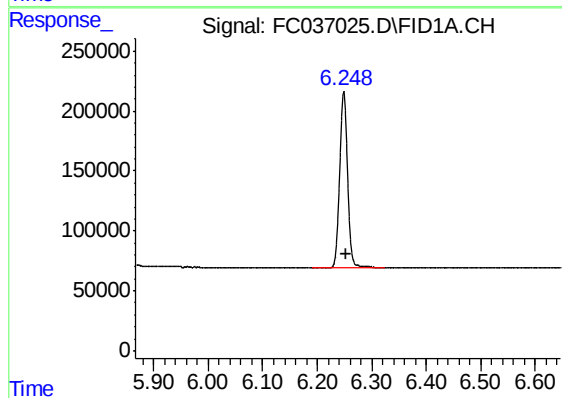
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: -0.003 min
Response: 1423236
Conc: 19.55 ug/ml



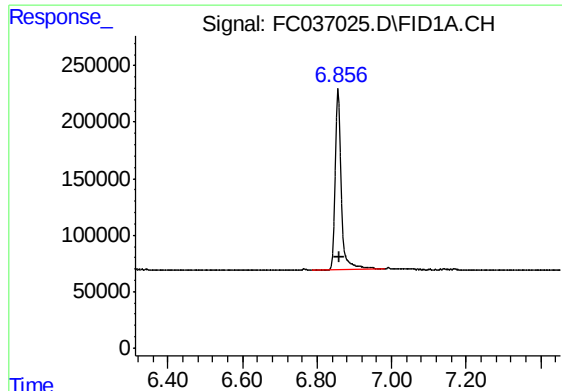
#3 A~Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.003 min
Response: 1762260
Conc: 21.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 1460266
Conc: 20.21 ug/ml



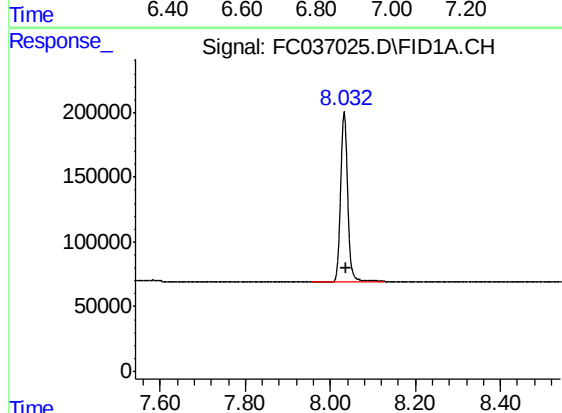
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.856 min
Delta R.T.: -0.004 min
Response: 1776929
Conc: 21.46 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

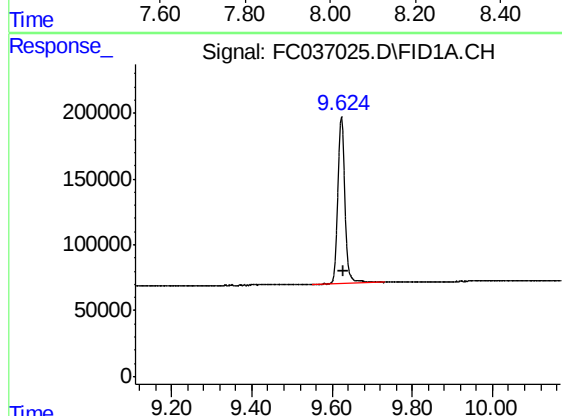
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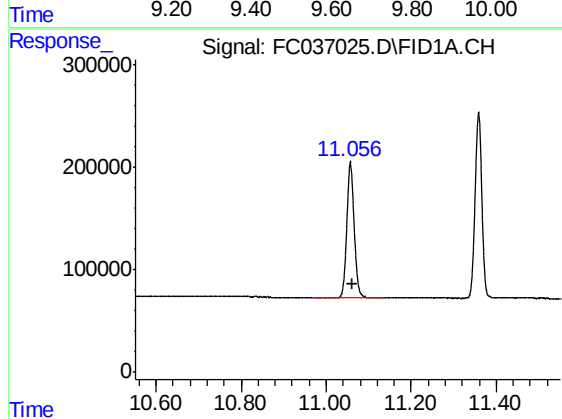
#6 n-Tetradecane (C14)

R.T.: 8.033 min
Delta R.T.: -0.003 min
Response: 1495188
Conc: 20.69 ug/ml



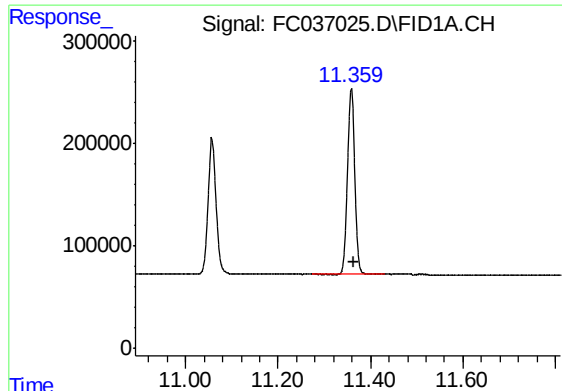
#7 n-Hexadecane (C16)

R.T.: 9.623 min
Delta R.T.: -0.004 min
Response: 1553972
Conc: 21.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.057 min
Delta R.T.: -0.005 min
Response: 1570306
Conc: 21.32 ug/ml



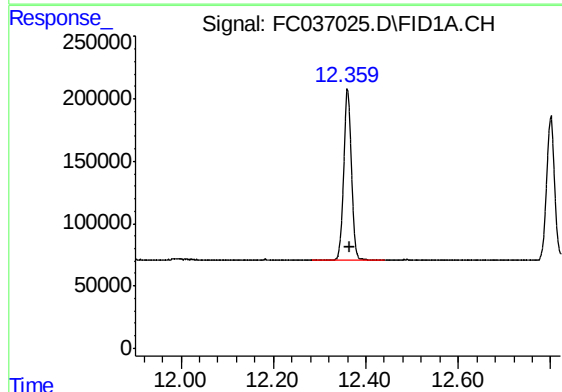
#9 ortho-Terphenyl (SURR)

R.T.: 11.359 min
Delta R.T.: -0.005 min
Response: 1995523
Conc: 22.49 ug/ml

Instrument :
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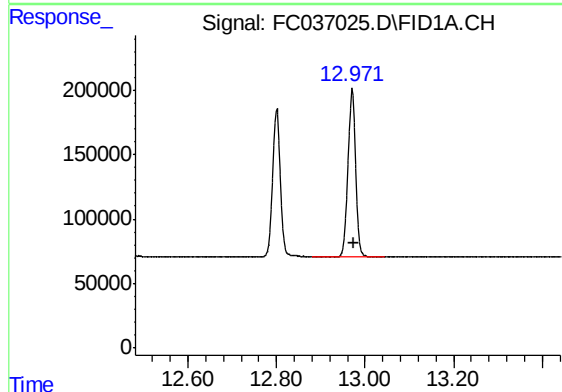
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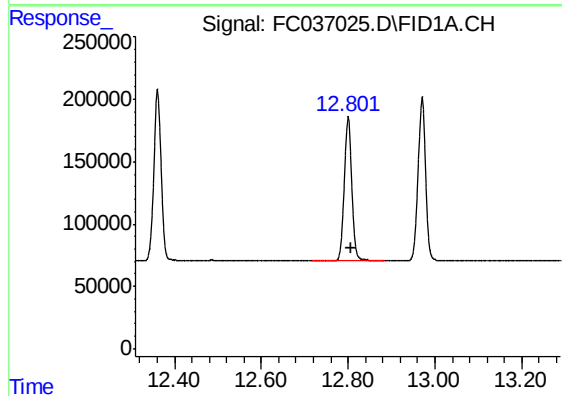
#10 n-Eicosane (C20)

R.T.: 12.361 min
Delta R.T.: -0.004 min
Response: 1579275
Conc: 21.60 ug/ml



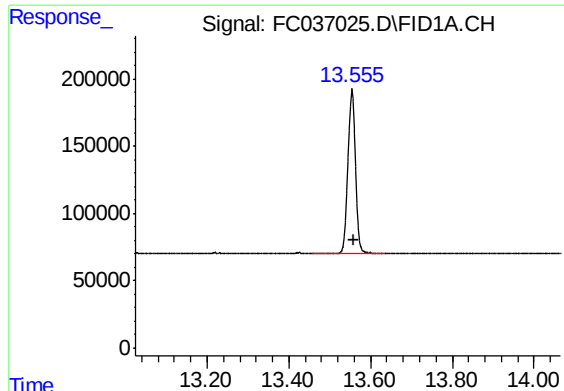
#11 n-Heneicosane (C21)

R.T.: 12.971 min
Delta R.T.: -0.004 min
Response: 1564983
Conc: 21.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.800 min
Delta R.T.: -0.005 min
Response: 1379716
Conc: 21.72 ug/ml



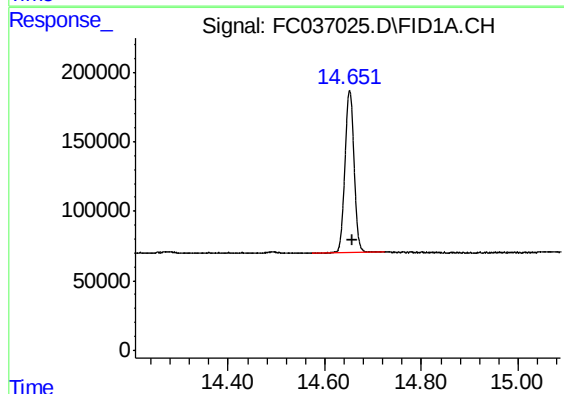
#13 n-Docosane (C22)

R.T.: 13.555 min
Delta R.T.: -0.004 min
Response: 1553732
Conc: 21.80 ug/ml

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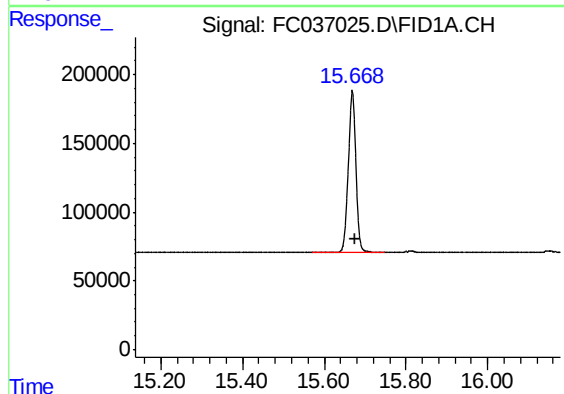
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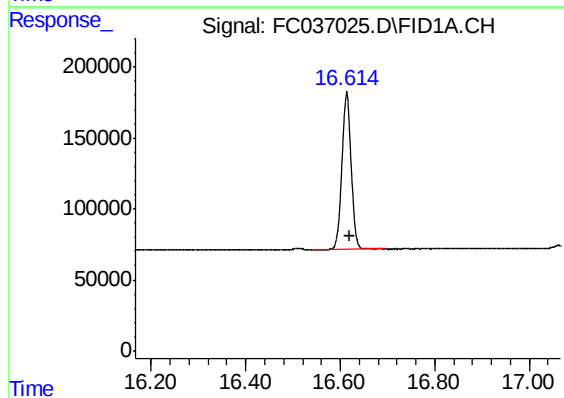
#14 n-Tetracosane (C24)

R.T.: 14.652 min
Delta R.T.: -0.005 min
Response: 1537231
Conc: 21.68 ug/ml



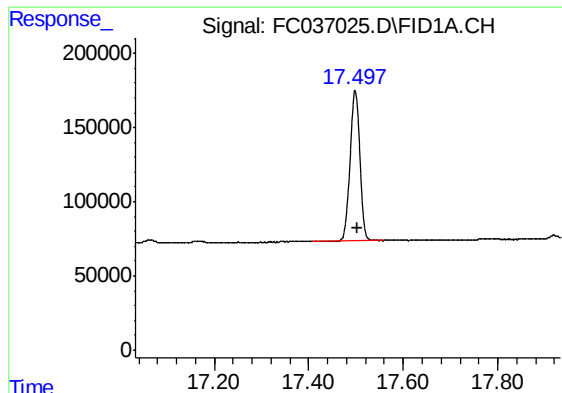
#15 n-Hexacosane (C26)

R.T.: 15.669 min
Delta R.T.: -0.005 min
Response: 1508156
Conc: 21.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.614 min
Delta R.T.: -0.006 min
Response: 1490235
Conc: 20.88 ug/ml



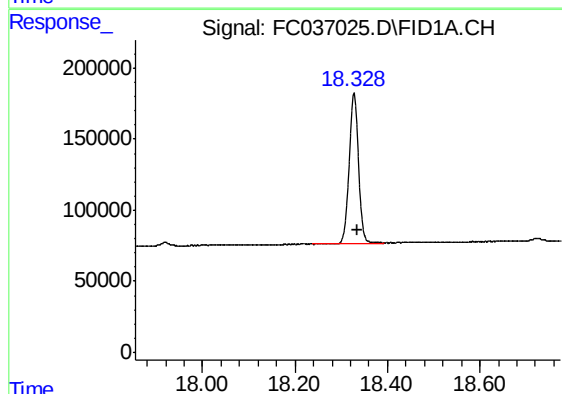
#17 n-Tricontane (C30)

R.T.: 17.498 min
Delta R.T.: -0.006 min
Response: 1463121
Conc: 19.27 ug/ml

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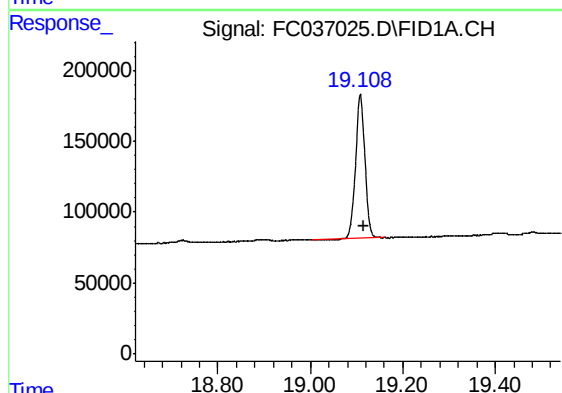
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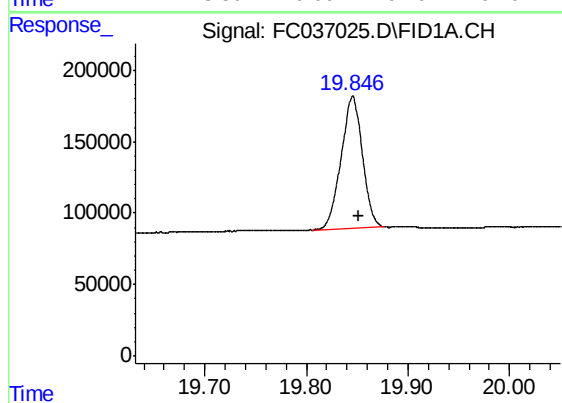
#18 n-Dotriacontane (C32)

R.T.: 18.328 min
Delta R.T.: -0.008 min
Response: 1468120
Conc: 18.31 ug/ml



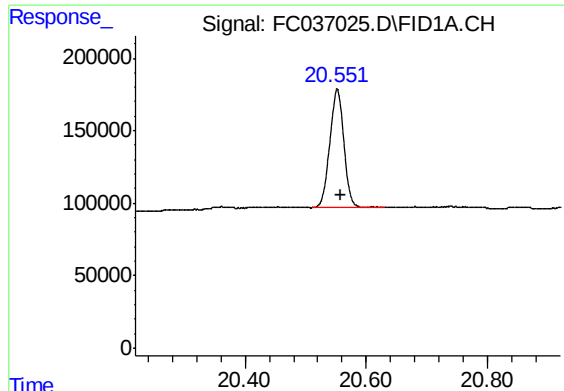
#19 n-Tetatriacontane (C34)

R.T.: 19.108 min
Delta R.T.: -0.007 min
Response: 1423626
Conc: 19.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.846 min
Delta R.T.: -0.006 min
Response: 1352165
Conc: 19.75 ug/ml m



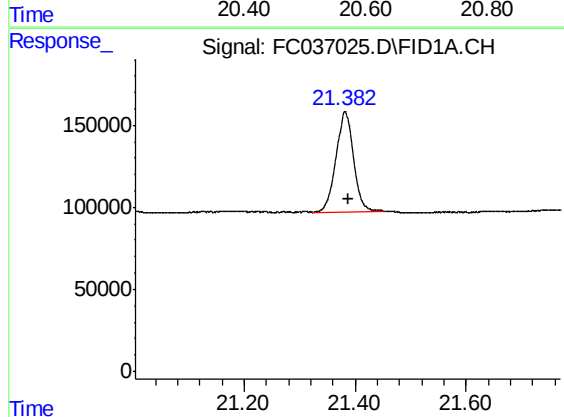
#21 n-Octatriacontane (C38)

R.T.: 20.552 min
Delta R.T.: -0.007 min
Response: 1321890
Conc: 19.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.382 min
Delta R.T.: -0.008 min
Response: 1330726
Conc: 20.01 ug/ml m