

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042320AL\
 Data File : FC047044.D
 Signal(s) : FID1A.CH
 Acq On : 23 Apr 2020 16:01
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Sohil
 4/27/2020 9:08:10 AM

Integration File: autoint1.e
 Quant Time: Apr 23 16:28:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 16:27:24 2020
 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)	11.751	528400	4.749 ug/ml
Spiked Amount 50.000		Recovery =	9.50%
12) S 1-chlorooctadecane (S...	13.167	422707	4.733 ug/ml
Spiked Amount 50.000		Recovery =	9.47%
Target Compounds			
1) T n-Nonane (C9)	3.550	438003	4.521 ug/ml
2) T n-Decane (C10)	4.615	429527	4.436 ug/ml
3) T A~Naphthalene (C11.7)	6.221	419003	4.175 ug/mlm
4) T n-Dodecane (C12)	6.618	444326	4.519 ug/ml
5) T A~2-methylnaphthalene...	7.270	395661	3.920 ug/mlm
6) T n-Tetradecane (C14)	8.398	444808	4.504 ug/ml
7) T n-Hexadecane (C16)	9.986	461893	4.581 ug/ml
8) T n-Octadecane (C18)	11.418	484763	4.696 ug/ml
10) T n-Eicosane (C20)	12.719	499043	4.756 ug/ml
11) T n-Heneicosane (C21)	13.327	509869	4.793 ug/ml
13) T n-Docosane (C22)	13.910	511413	4.806 ug/ml
14) T n-Tetracosane (C24)	15.007	515328	4.792 ug/ml
15) T n-Hexacosane (C26)	16.021	523304	4.850 ug/ml
16) T n-Octacosane (C28)	16.965	526660	4.927 ug/ml
17) T n-Tricontane (C30)	17.850	499220	4.989 ug/ml
18) T n-Dotriacontane (C32)	18.677	386004	5.066 ug/ml
19) T n-Tetratriacontane (C34)	19.457	282324	5.024 ug/ml
20) T n-Hexatriacontane (C36)	20.193	266537	5.326 ug/ml
21) T n-Octatriacontane (C38)	20.949	226346	4.995 ug/mlm
22) T n-Tetracontane (C40)	21.908	255633	5.384 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042320AL\
Data File : FC047044.D
Signal(s) : FID1A.CH
Acq On : 23 Apr 2020 16:01
Operator : DD\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 11 Sample Multiplier: 1

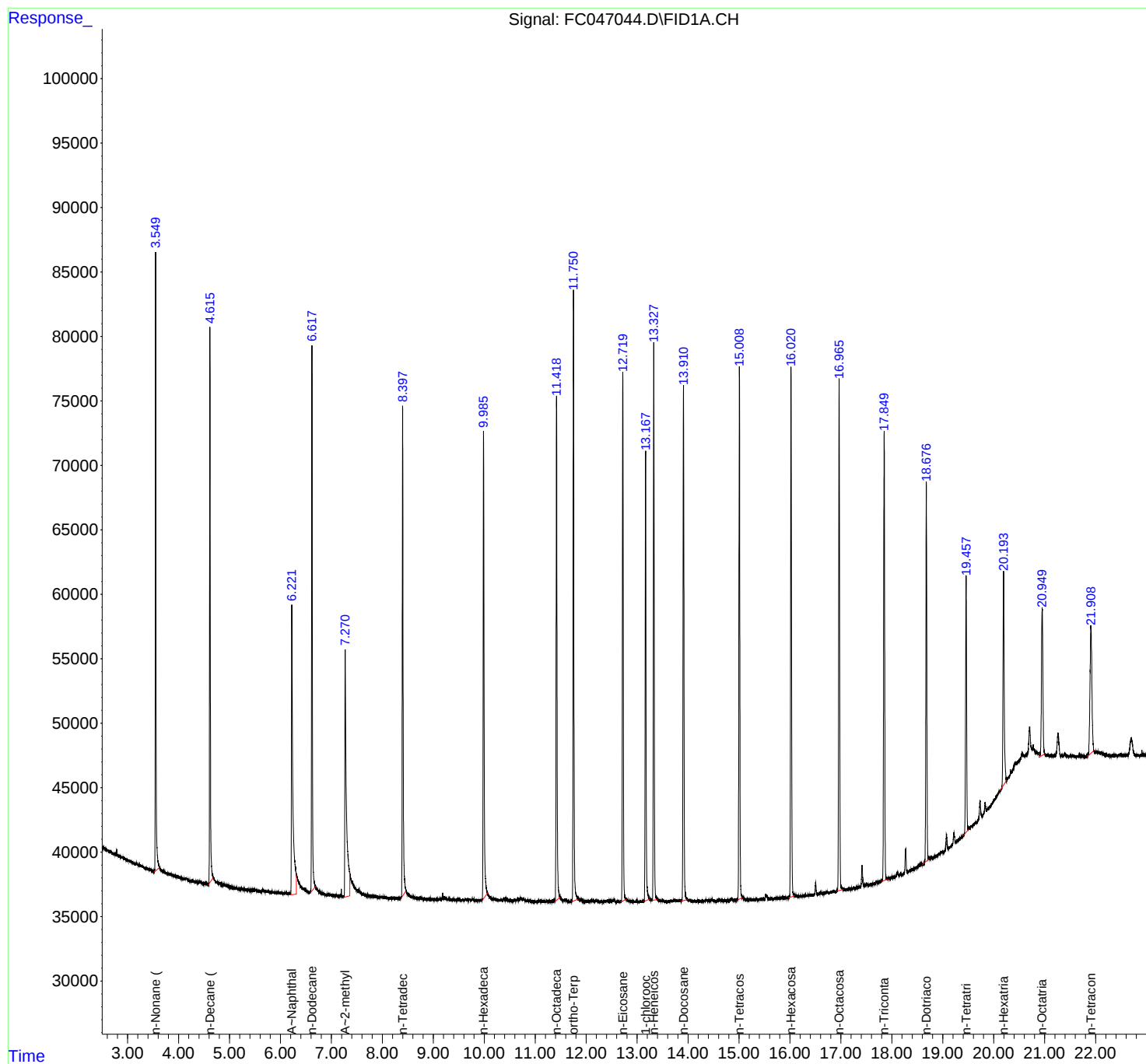
Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

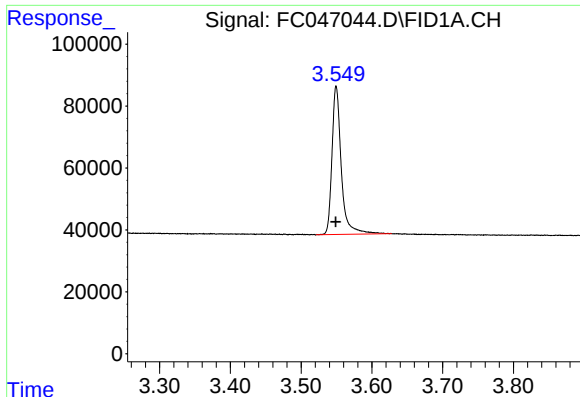
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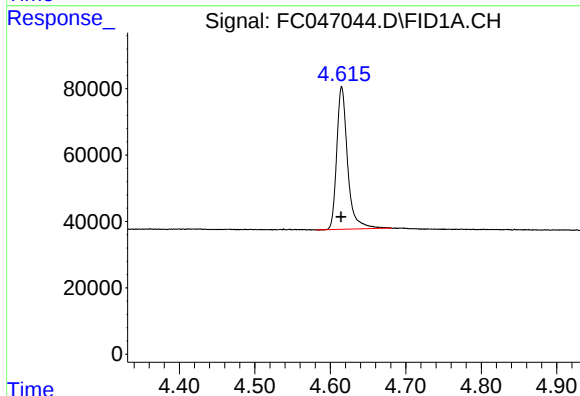
#1 n-Nonane (C9)

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 438003
Conc: 4.52 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5

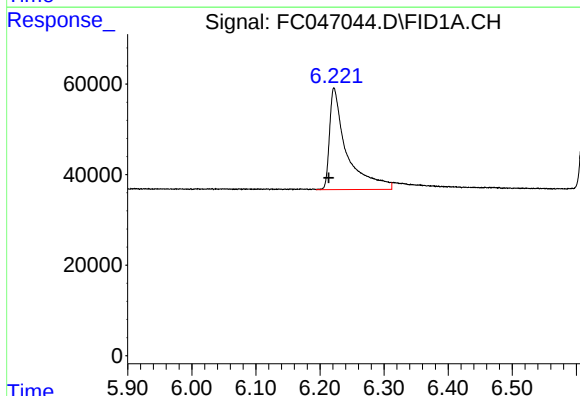
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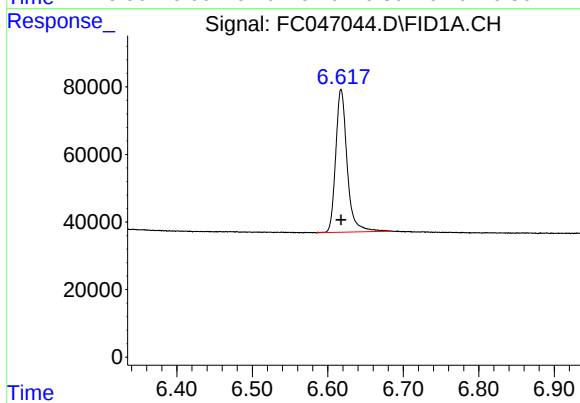
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 429527
Conc: 4.44 ug/ml



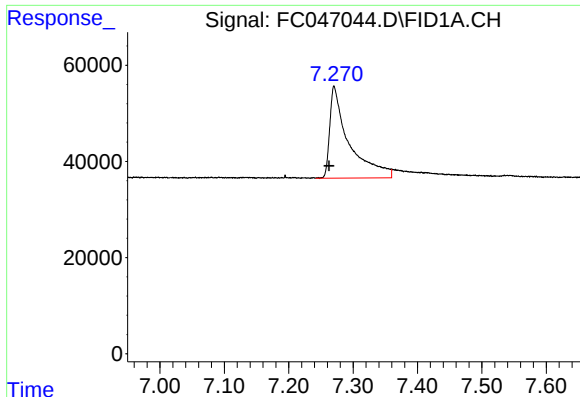
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: 0.008 min
Response: 419003
Conc: 4.17 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 444326
Conc: 4.52 ug/ml



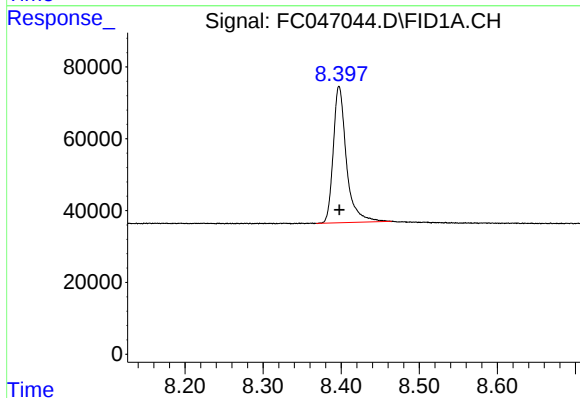
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.270 min
Delta R.T.: 0.008 min
Response: 395661
Conc: 3.92 ug/ml m

Instrument :
FID_C
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5 PPM ALIPHATIC HC STD5

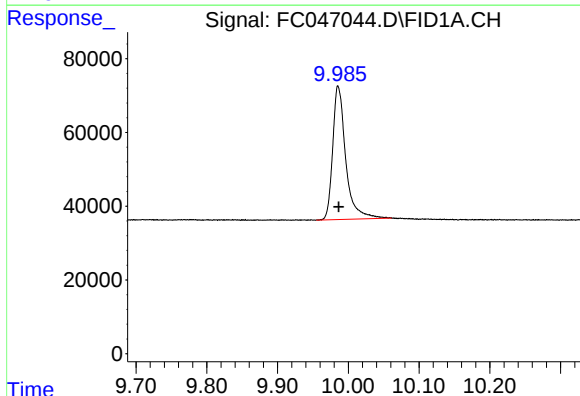
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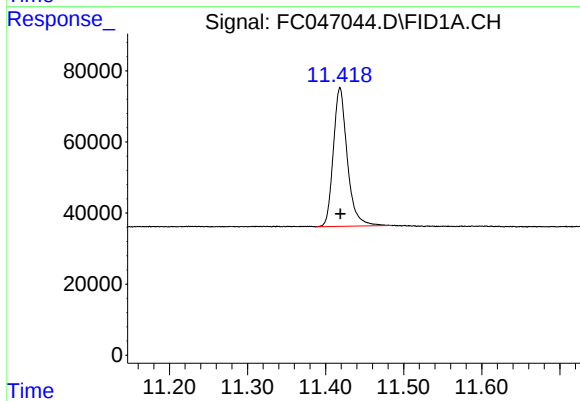
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 444808
Conc: 4.50 ug/ml



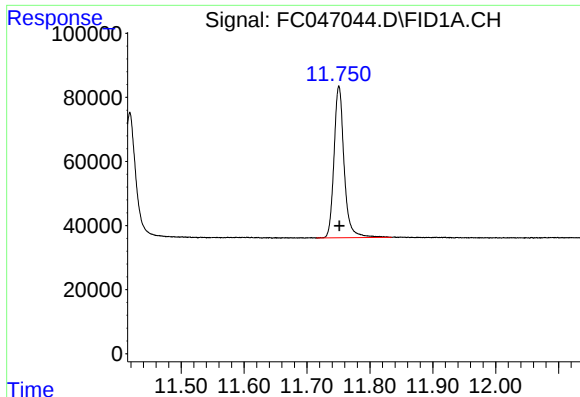
#7 n-Hexadecane (C16)

R.T.: 9.986 min
Delta R.T.: 0.000 min
Response: 461893
Conc: 4.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.418 min
Delta R.T.: 0.000 min
Response: 484763
Conc: 4.70 ug/ml



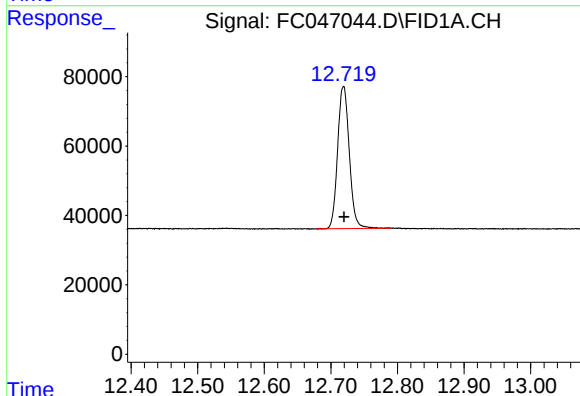
#9 ortho-Terphenyl (SURR)

R.T.: 11.751 min
Delta R.T.: 0.000 min
Response: 528400
Conc: 4.75 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

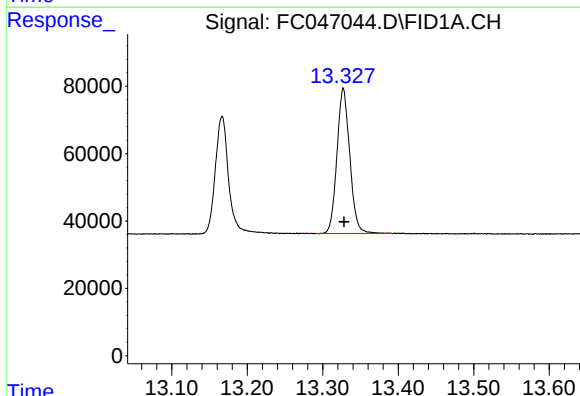
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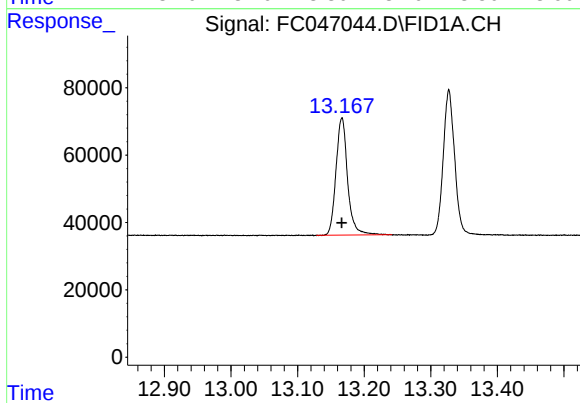
#10 n-Eicosane (C20)

R.T.: 12.719 min
Delta R.T.: 0.000 min
Response: 499043
Conc: 4.76 ug/ml



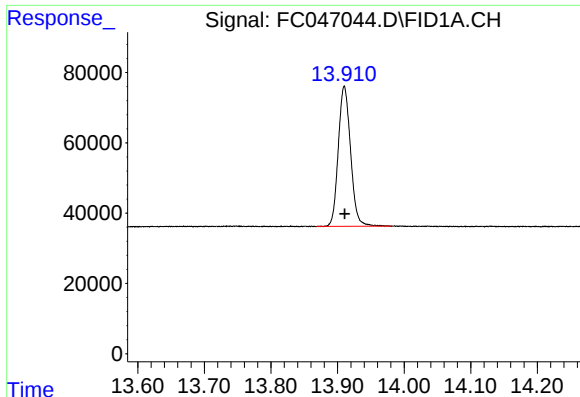
#11 n-Heneicosane (C21)

R.T.: 13.327 min
Delta R.T.: -0.001 min
Response: 509869
Conc: 4.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.167 min
Delta R.T.: 0.000 min
Response: 422707
Conc: 4.73 ug/ml



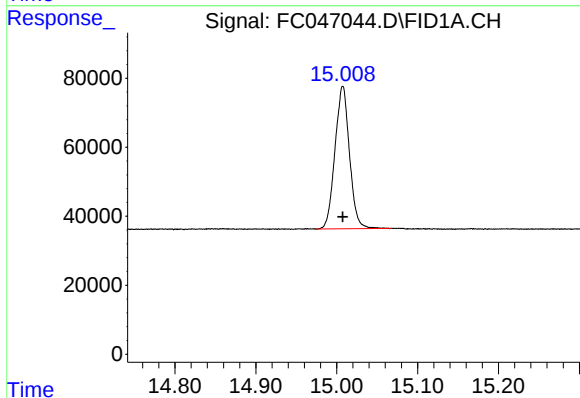
#13 n-Docosane (C22)

R.T.: 13.910 min
Delta R.T.: 0.000 min
Response: 511413
Conc: 4.81 ug/ml

Instrument :
FID_C
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5 PPM ALIPHATIC HC STD5

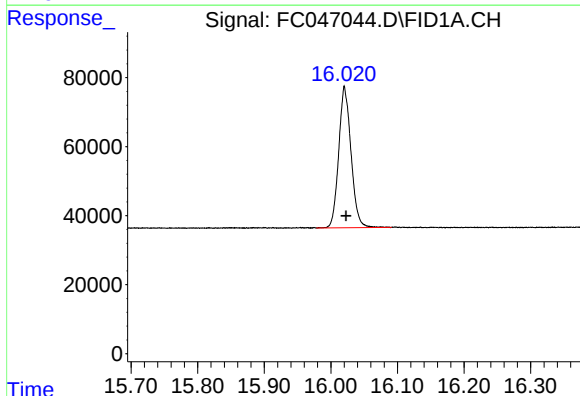
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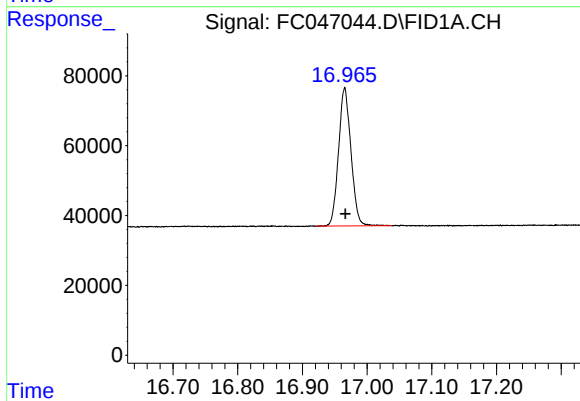
#14 n-Tetracosane (C24)

R.T.: 15.007 min
Delta R.T.: 0.000 min
Response: 515328
Conc: 4.79 ug/ml



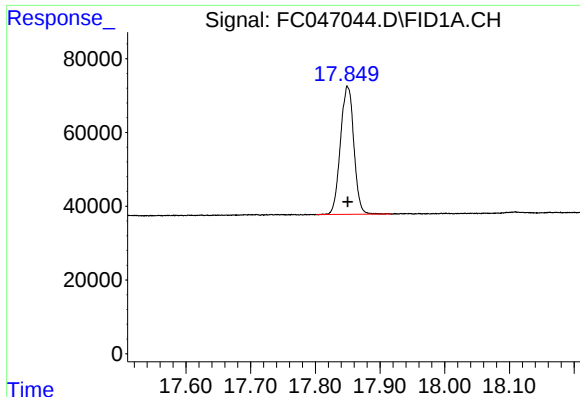
#15 n-Hexacosane (C26)

R.T.: 16.021 min
Delta R.T.: -0.002 min
Response: 523304
Conc: 4.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.965 min
Delta R.T.: -0.002 min
Response: 526660
Conc: 4.93 ug/ml



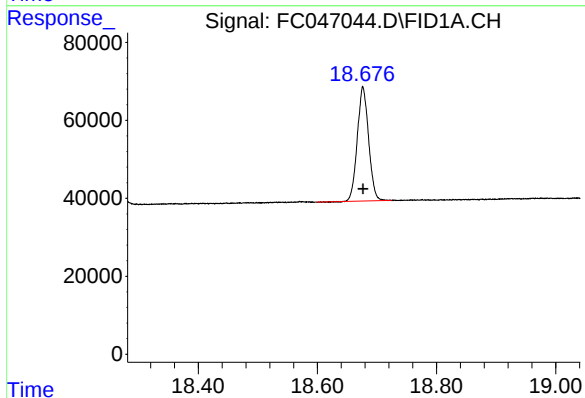
#17 n-Tricontane (C30)

R.T.: 17.850 min
Delta R.T.: 0.000 min
Response: 499220
Conc: 4.99 ug/ml

Instrument :
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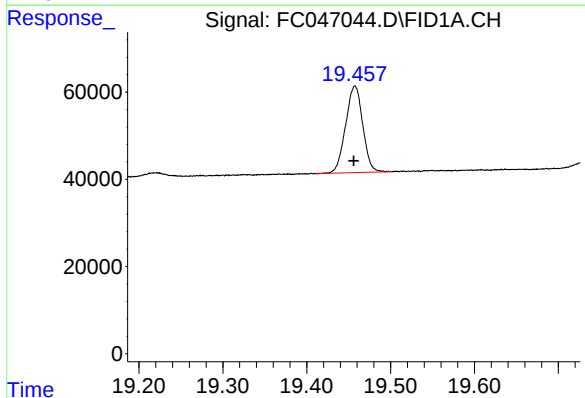
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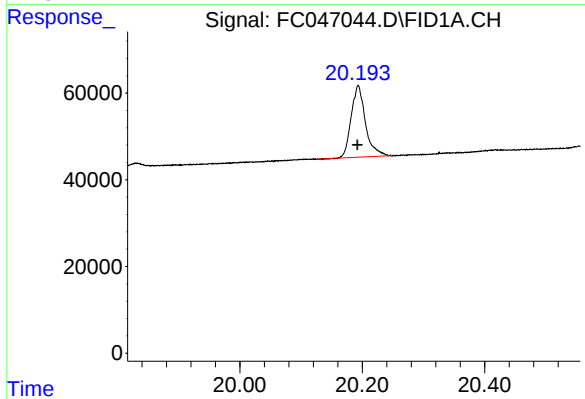
#18 n-Dotriacontane (C32)

R.T.: 18.677 min
Delta R.T.: 0.000 min
Response: 386004
Conc: 5.07 ug/ml



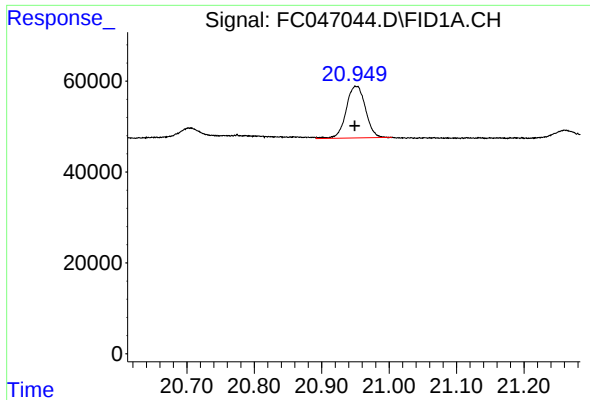
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: 0.001 min
Response: 282324
Conc: 5.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.193 min
Delta R.T.: 0.002 min
Response: 266537
Conc: 5.33 ug/ml



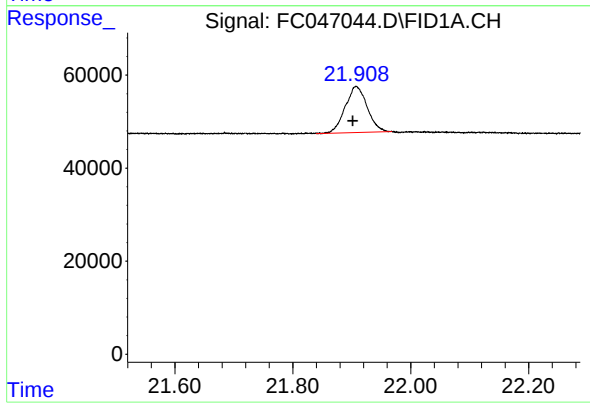
#21 n-Octatriacontane (C38)

R.T.: 20.949 min
Delta R.T.: 0.000 min
Response: 226346
Conc: 5.00 ug/ml m

Instrument :
FID_C
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5 PPM ALIPHATIC HC STD5

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#22 n-Tetracontane (C40)

R.T.: 21.908 min
Delta R.T.: 0.007 min
Response: 255633
Conc: 5.38 ug/ml m