

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041420AL\
 Data File : FC046815.D
 Signal(s) : FID1A.CH
 Acq On : 15 Apr 2020 5:42
 Operator : DD\AJ
 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
 4/15/2020 11:39:44 AM

Integration File: sample.E
 Quant Time: Apr 15 06:56:31 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 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)	11.761	2156358	19.726 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
12) S 1-chlorooctadecane (S...	13.177	1677559	19.466 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
Target Compounds			
1) T n-Nonane (C9)	3.548	2129801	22.177 ug/ml
2) T n-Decane (C10)	4.615	2147968	22.364 ug/ml
3) T A~Naphthalene (C11.7)	6.216	2229415	22.250 ug/ml
4) T n-Dodecane (C12)	6.622	2164805	22.178 ug/ml
5) T A~2-methylnaphthalene...	7.266	2230470	22.062 ug/ml
6) T n-Tetradecane (C14)	8.404	2119689	21.526 ug/ml
7) T n-Hexadecane (C16)	9.995	2101246	21.048 ug/ml
8) T n-Octadecane (C18)	11.429	2072190	20.416 ug/ml
10) T n-Eicosane (C20)	12.731	2028532	19.843 ug/ml
11) T n-Heneicosane (C21)	13.340	2013430	19.528 ug/ml
13) T n-Docosane (C22)	13.922	1982032	19.308 ug/ml
14) T n-Tetracosane (C24)	15.020	1946823	18.860 ug/ml
15) T n-Hexacosane (C26)	16.036	1903016	18.548 ug/ml
16) T n-Octacosane (C28)	16.982	1875951	18.432 ug/ml
17) T n-Tricontane (C30)	17.864	1818340	18.560 ug/ml
18) T n-Dotriacontane (C32)	18.693	1572575	18.757 ug/ml
19) T n-Tetratriacontane (C34)	19.474	1404207	19.599 ug/mlm
20) T n-Hexatriacontane (C36)	20.208	1352940	19.313 ug/mlm
21) T n-Octatriacontane (C38)	20.973	1471233	23.315 ug/ml
22) T n-Tetracontane (C40)	21.934	1366493	19.747 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041420AL\
Data File : FC046815.D
Signal(s) : FID1A.CH
Acq On : 15 Apr 2020 5:42
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

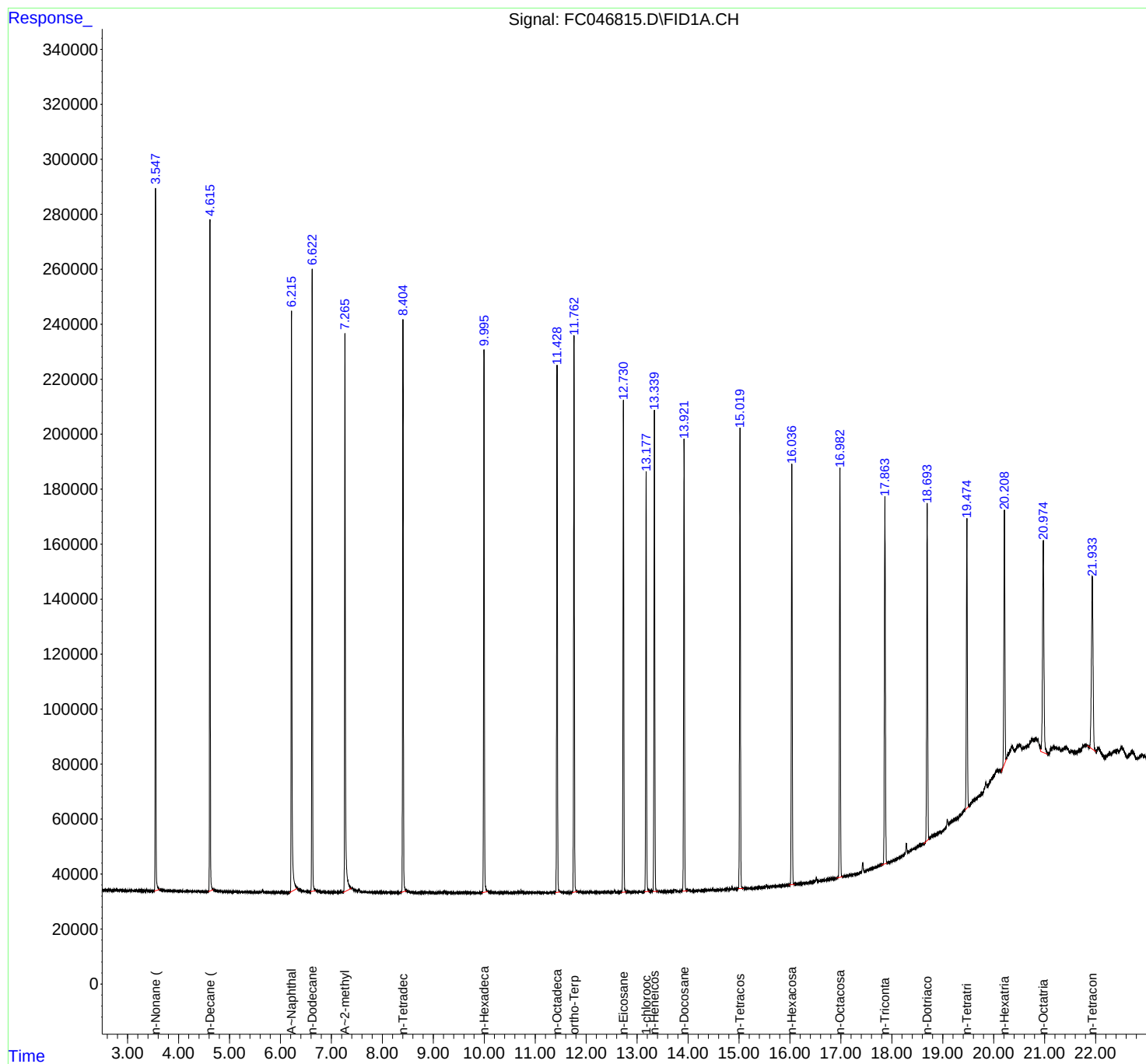
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

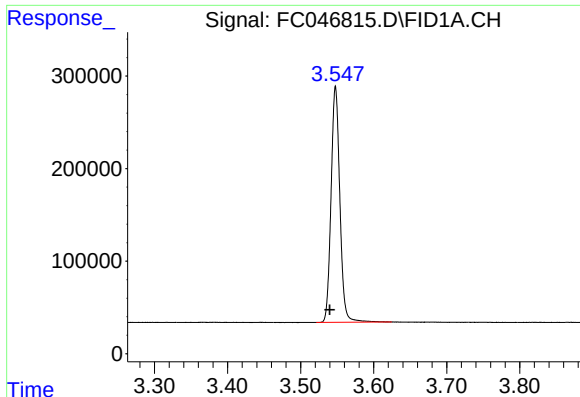
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Integration File: sample.E
Quant Time: Apr 15 06:56:31 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032320.M
Quant Title : GC Extractables
QLast Update : Tue Mar 24 12:45:07 2020
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Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
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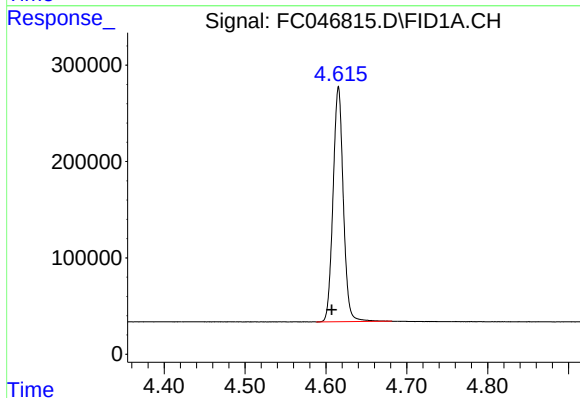
#1 n-Nonane (C9)

R.T.: 3.548 min
Delta R.T.: 0.008 min
Response: 2129801
Conc: 22.18 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

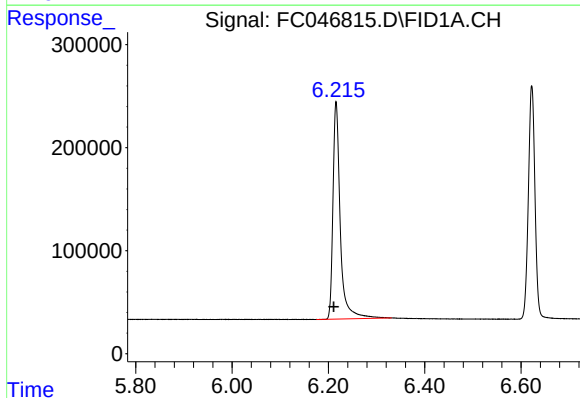
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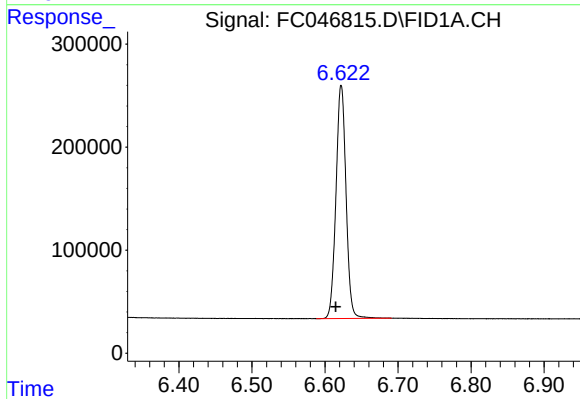
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.008 min
Response: 2147968
Conc: 22.36 ug/ml



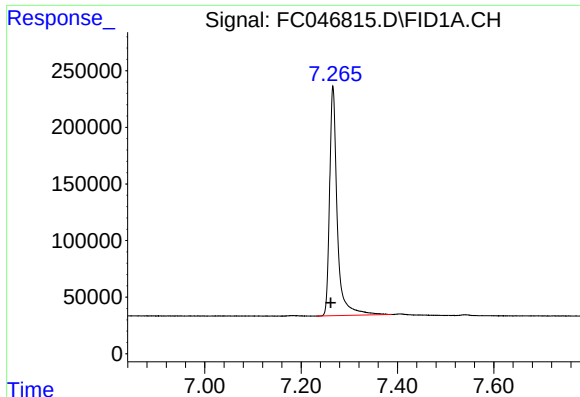
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.005 min
Response: 2229415
Conc: 22.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.622 min
Delta R.T.: 0.008 min
Response: 2164805
Conc: 22.18 ug/ml



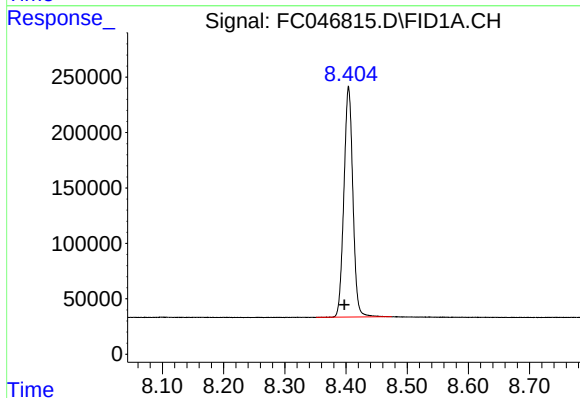
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.266 min
Delta R.T.: 0.004 min
Response: 2230470
Conc: 22.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

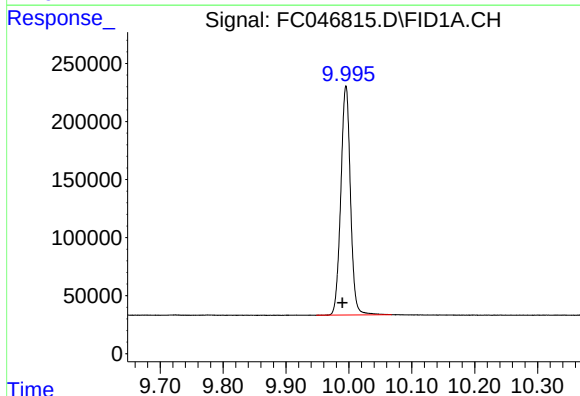
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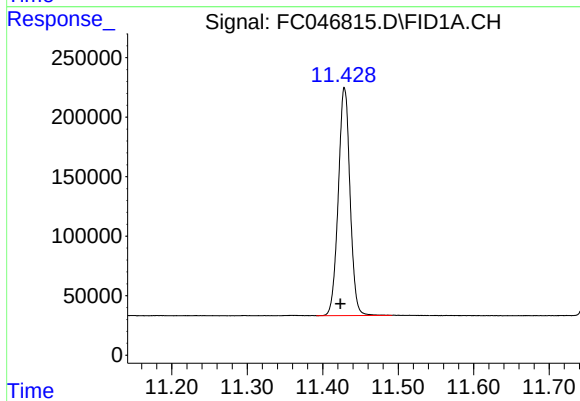
#6 n-Tetradecane (C14)

R.T.: 8.404 min
Delta R.T.: 0.007 min
Response: 2119689
Conc: 21.53 ug/ml



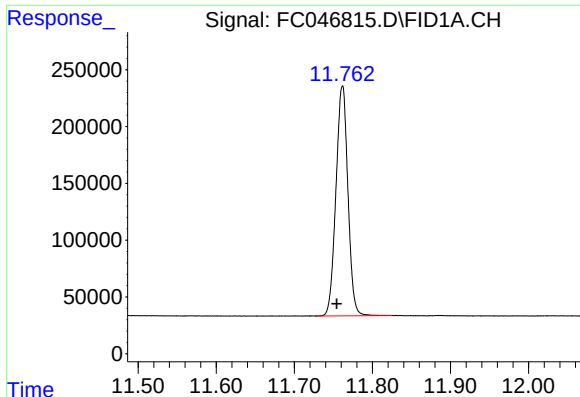
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: 0.005 min
Response: 2101246
Conc: 21.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.429 min
Delta R.T.: 0.006 min
Response: 2072190
Conc: 20.42 ug/ml



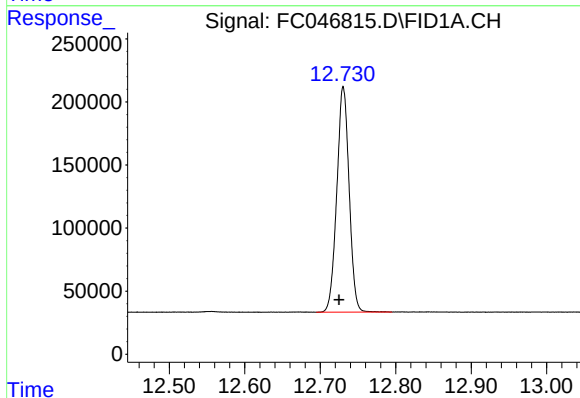
#9 ortho-Terphenyl (SURR)

R.T.: 11.761 min
Delta R.T.: 0.007 min
Response: 2156358
Conc: 19.73 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

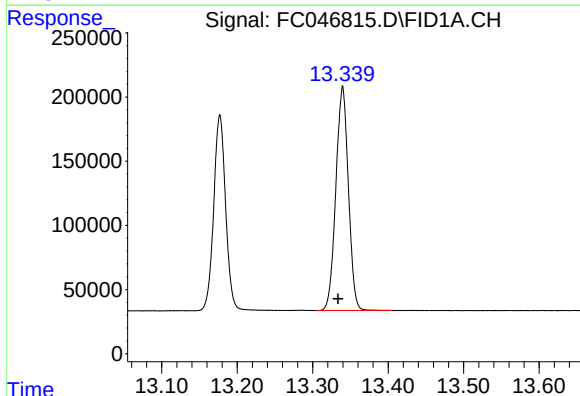
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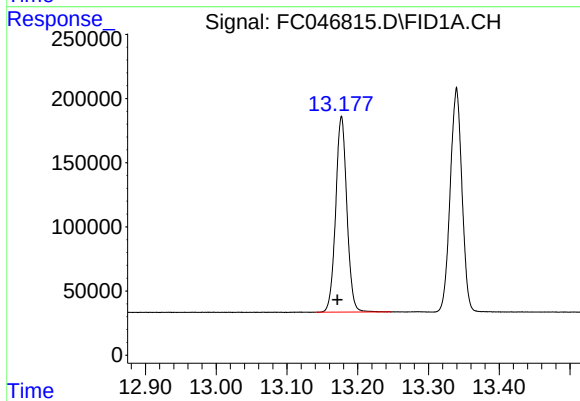
#10 n-Eicosane (C20)

R.T.: 12.731 min
Delta R.T.: 0.006 min
Response: 2028532
Conc: 19.84 ug/ml



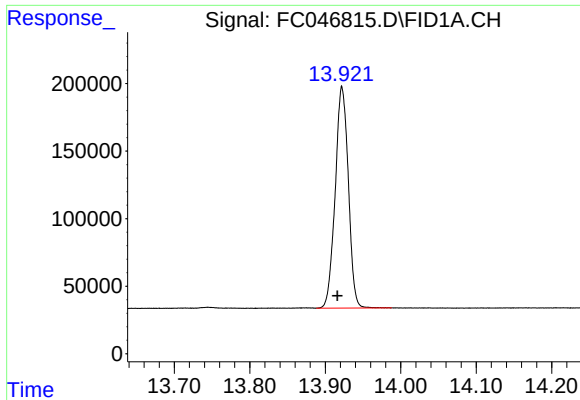
#11 n-Heneicosane (C21)

R.T.: 13.340 min
Delta R.T.: 0.006 min
Response: 2013430
Conc: 19.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.177 min
Delta R.T.: 0.006 min
Response: 1677559
Conc: 19.47 ug/ml



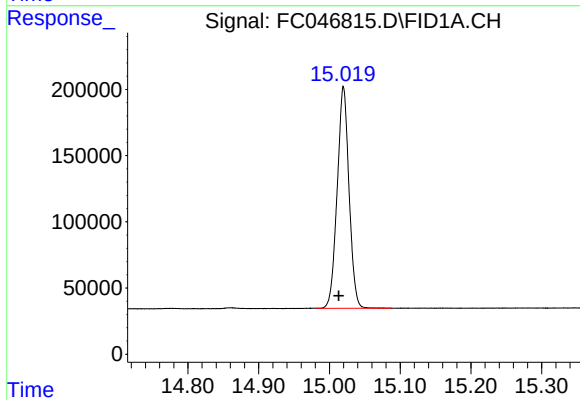
#13 n-Docosane (C22)

R.T.: 13.922 min
Delta R.T.: 0.006 min
Response: 1982032
Conc: 19.31 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

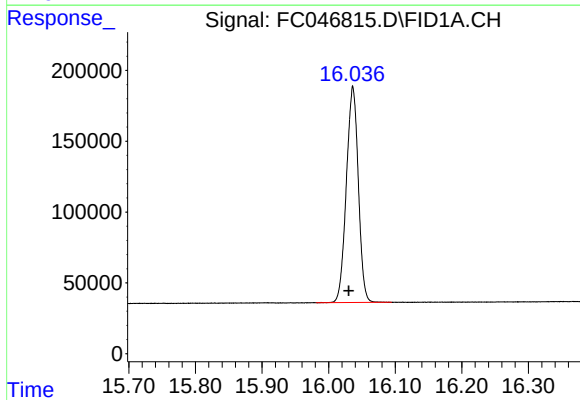
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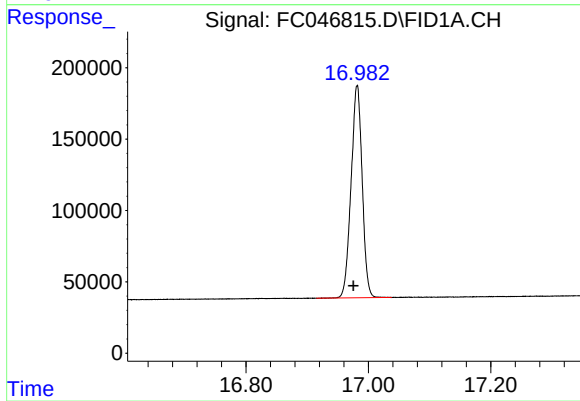
#14 n-Tetracosane (C24)

R.T.: 15.020 min
Delta R.T.: 0.007 min
Response: 1946823
Conc: 18.86 ug/ml



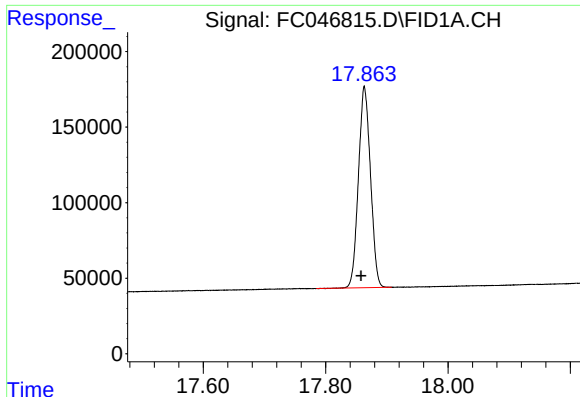
#15 n-Hexacosane (C26)

R.T.: 16.036 min
Delta R.T.: 0.006 min
Response: 1903016
Conc: 18.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.982 min
Delta R.T.: 0.006 min
Response: 1875951
Conc: 18.43 ug/ml



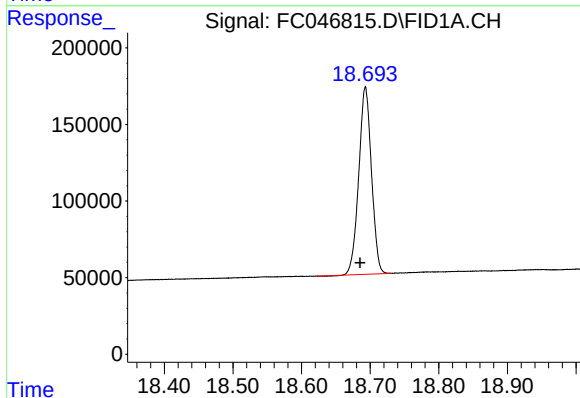
#17 n-Tricontane (C30)

R.T.: 17.864 min
Delta R.T.: 0.006 min
Response: 1818340
Conc: 18.56 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

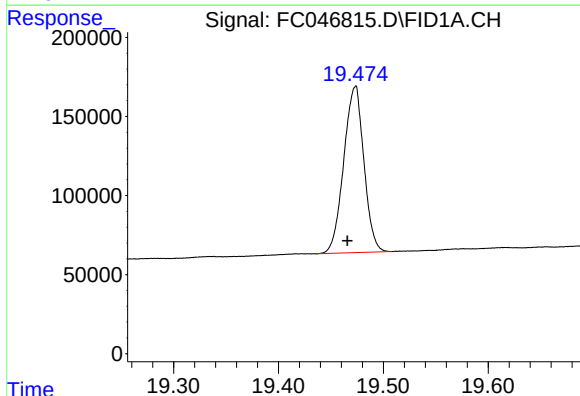
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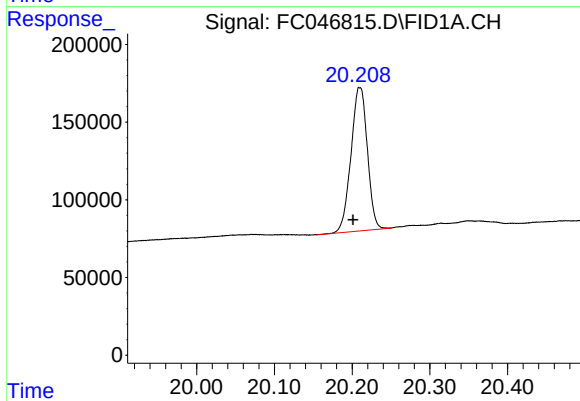
#18 n-Dotriacontane (C32)

R.T.: 18.693 min
Delta R.T.: 0.008 min
Response: 1572575
Conc: 18.76 ug/ml



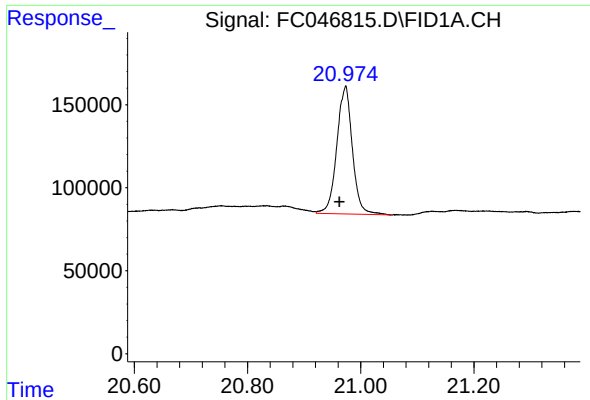
#19 n-Tetratriacontane (C34)

R.T.: 19.474 min
Delta R.T.: 0.008 min
Response: 1404207
Conc: 19.60 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.208 min
Delta R.T.: 0.007 min
Response: 1352940
Conc: 19.31 ug/ml m



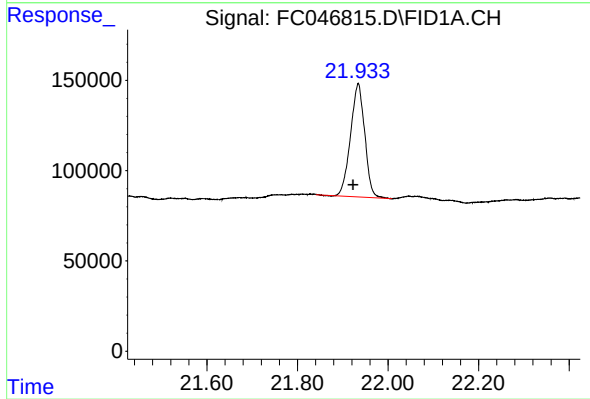
#21 n-Octatriacontane (C38)

R.T.: 20.973 min
Delta R.T.: 0.010 min
Response: 1471233
Conc: 23.31 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

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#22 n-Tetracontane (C40)

R.T.: 21.934 min
Delta R.T.: 0.011 min
Response: 1366493
Conc: 19.75 ug/ml