

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041820AL\
 Data File : FC046876.D
 Signal(s) : FID1A.CH
 Acq On : 18 Apr 2020 13:45
 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
 4/20/2020 2:00:33 PM

Integration File: autoint1.e
 Quant Time: Apr 19 22:32:00 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)	11.758	2098499	19.197 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
12) S 1-chlorooctadecane (S...	13.174	1643967	19.076 ug/ml
Spiked Amount 50.000		Recovery =	38.15%
Target Compounds			
1) T n-Nonane (C9)	3.549	2044092	21.285 ug/ml
2) T n-Decane (C10)	4.615	2099029	21.855 ug/ml
3) T A~Naphthalene (C11.7)	6.215	2111494	21.073 ug/ml
4) T n-Dodecane (C12)	6.620	2143086	21.956 ug/ml
5) T A~2-methylnaphthalene...	7.265	2129002	21.058 ug/ml
6) T n-Tetradecane (C14)	8.402	2108538	21.413 ug/ml
7) T n-Hexadecane (C16)	9.993	2067259	20.707 ug/ml
8) T n-Octadecane (C18)	11.425	2033008	20.030 ug/ml
10) T n-Eicosane (C20)	12.727	1982019	19.388 ug/ml
11) T n-Heneicosane (C21)	13.336	1957899	18.989 ug/ml
13) T n-Docosane (C22)	13.920	1998139	19.465 ug/ml
14) T n-Tetracosane (C24)	15.017	1998007	19.356 ug/ml
15) T n-Hexacosane (C26)	16.034	1961891	19.122 ug/ml
16) T n-Octacosane (C28)	16.977	1959022	19.249 ug/ml
17) T n-Tricontane (C30)	17.862	1923983	19.638 ug/ml
18) T n-Dotriacontane (C32)	18.691	1624164	19.372 ug/mlm
19) T n-Tetratriacontane (C34)	19.469	1377374	19.225 ug/ml
20) T n-Hexatriacontane (C36)	20.206	1292934	18.456 ug/ml
21) T n-Octatriacontane (C38)	20.967	1241950	19.681 ug/ml
22) T n-Tetracontane (C40)	21.925	1298183	18.760 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041820AL\
Data File : FC046876.D
Signal(s) : FID1A.CH
Acq On : 18 Apr 2020 13:45
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

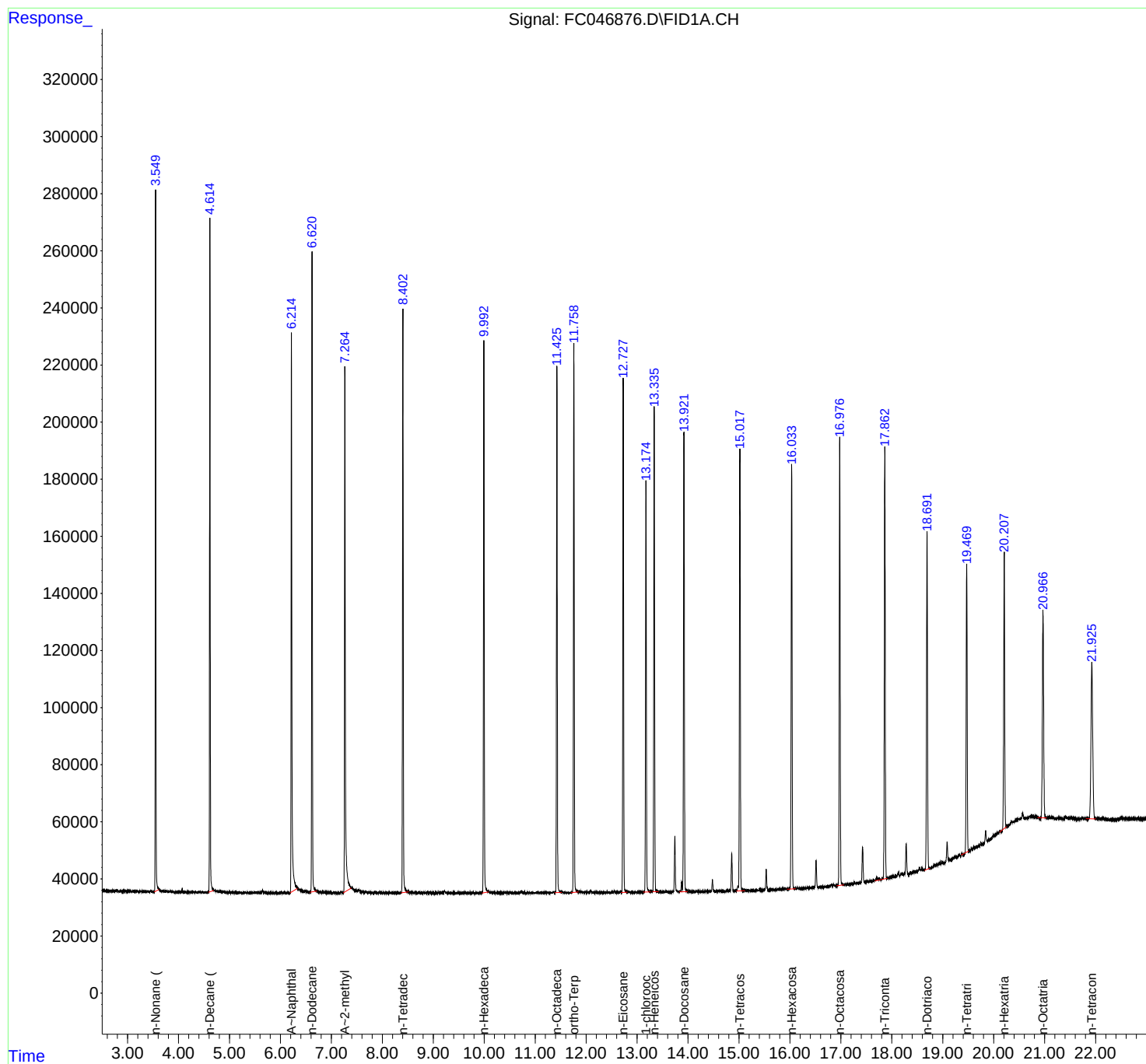
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

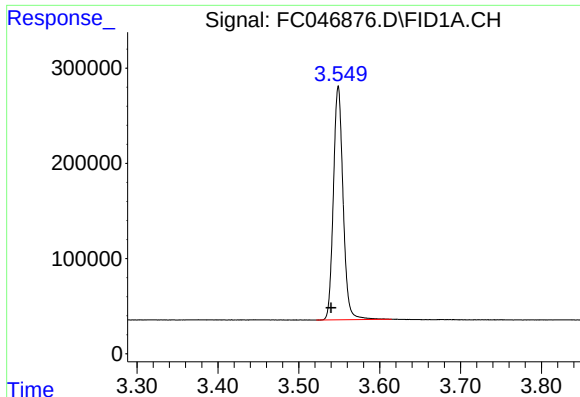
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Integration File: autoint1.e
Quant Time: Apr 19 22:32:00 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032320.M
Quant Title : GC Extractables
QLast Update : Tue Mar 24 12:45:07 2020
Response via : Initial Calibration
Integrator: 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





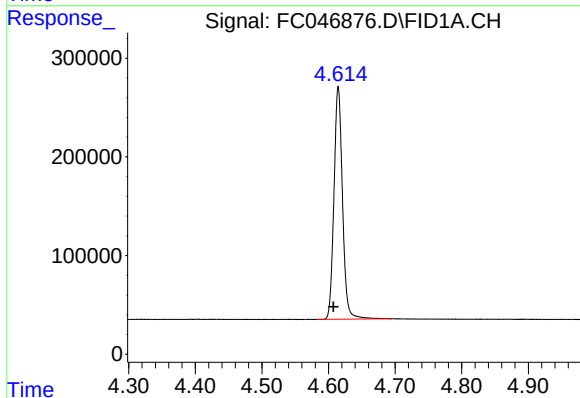
#1 n-Nonane (C9)

R.T.: 3.549 min
Delta R.T.: 0.009 min
Response: 2044092
Conc: 21.28 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

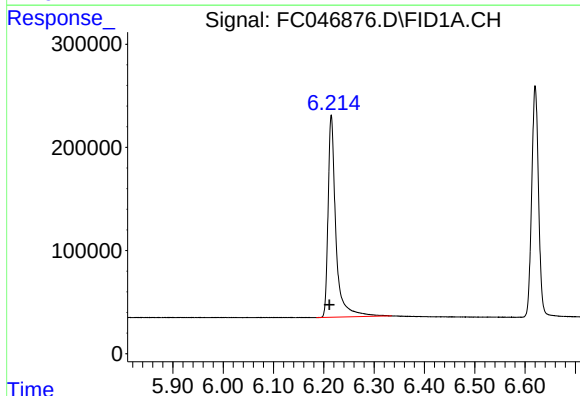
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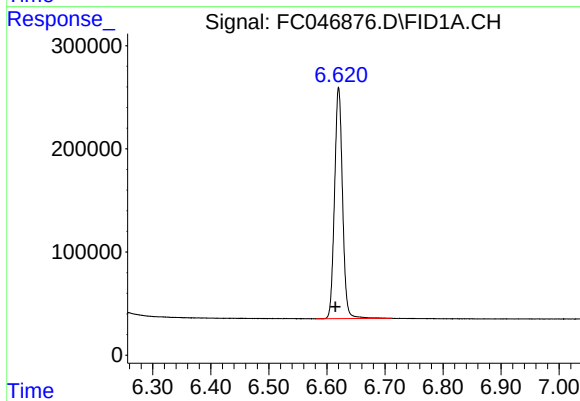
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.008 min
Response: 2099029
Conc: 21.85 ug/ml



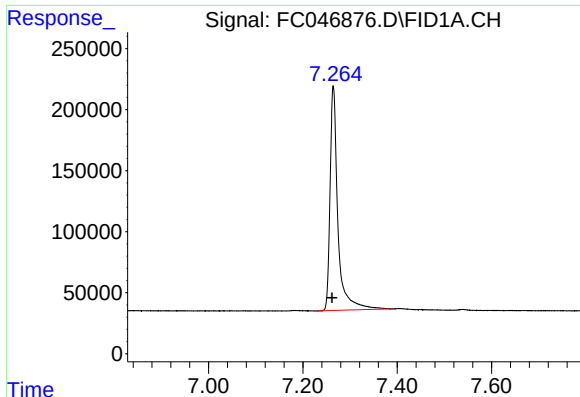
#3 A~Naphthalene (C11.7)

R.T.: 6.215 min
Delta R.T.: 0.004 min
Response: 2111494
Conc: 21.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: 0.006 min
Response: 2143086
Conc: 21.96 ug/ml



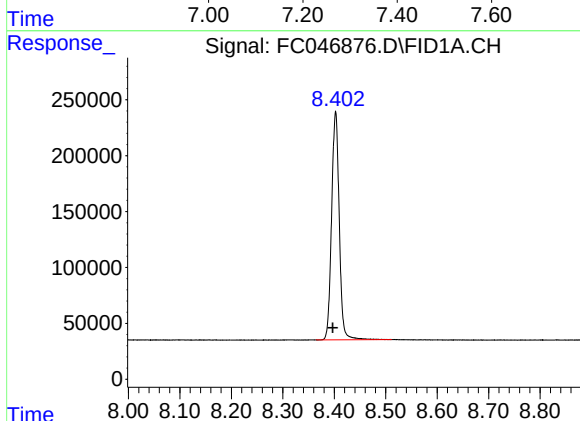
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: 0.003 min
Response: 2129002
Conc: 21.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

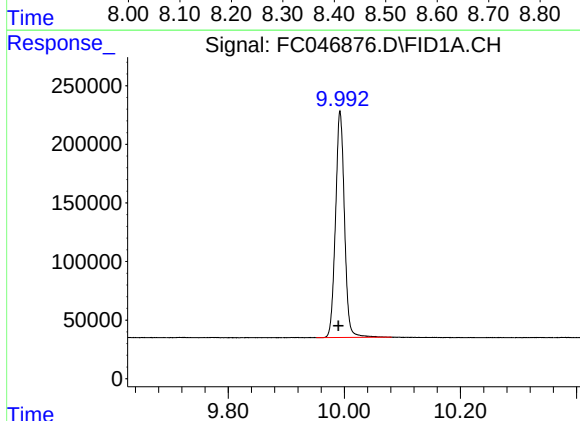
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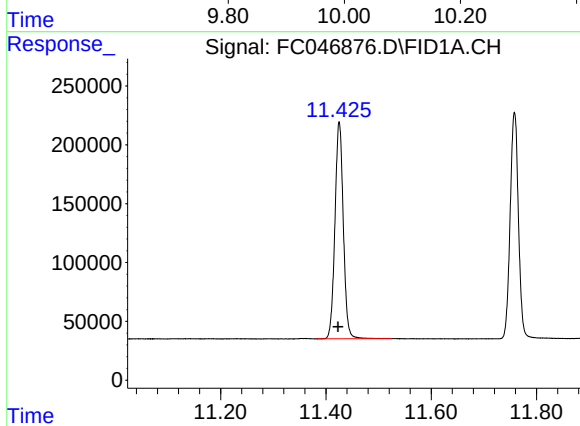
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: 0.005 min
Response: 2108538
Conc: 21.41 ug/ml



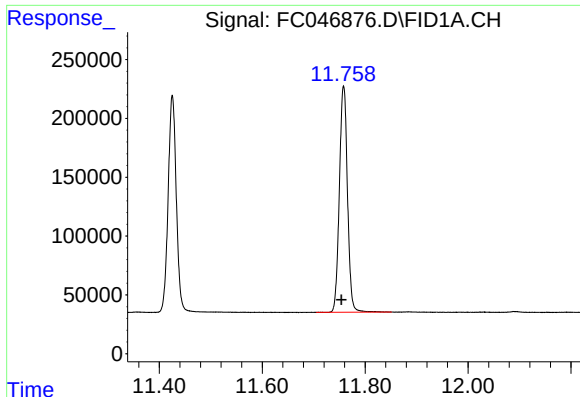
#7 n-Hexadecane (C16)

R.T.: 9.993 min
Delta R.T.: 0.003 min
Response: 2067259
Conc: 20.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.425 min
Delta R.T.: 0.002 min
Response: 2033008
Conc: 20.03 ug/ml



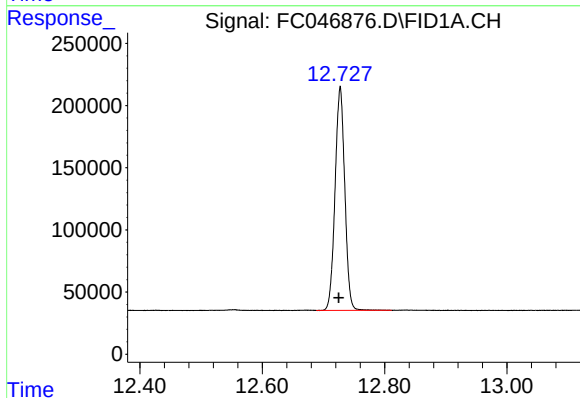
#9 ortho-Terphenyl (SURR)

R.T.: 11.758 min
Delta R.T.: 0.004 min
Response: 2098499
Conc: 19.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

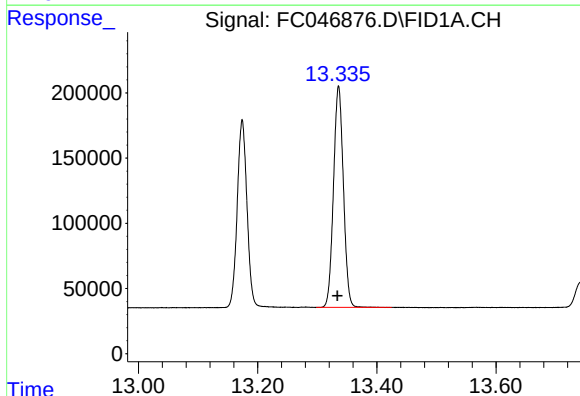
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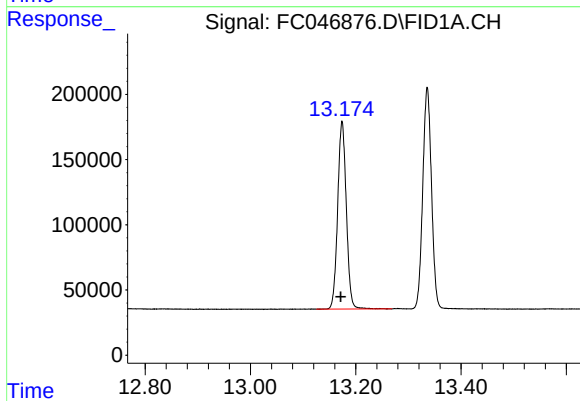
#10 n-Eicosane (C20)

R.T.: 12.727 min
Delta R.T.: 0.002 min
Response: 1982019
Conc: 19.39 ug/ml



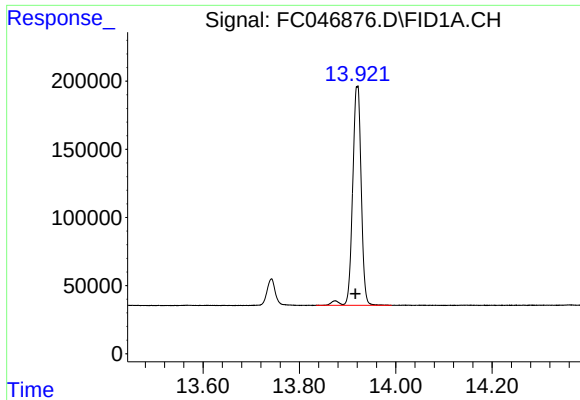
#11 n-Heneicosane (C21)

R.T.: 13.336 min
Delta R.T.: 0.002 min
Response: 1957899
Conc: 18.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.174 min
Delta R.T.: 0.003 min
Response: 1643967
Conc: 19.08 ug/ml



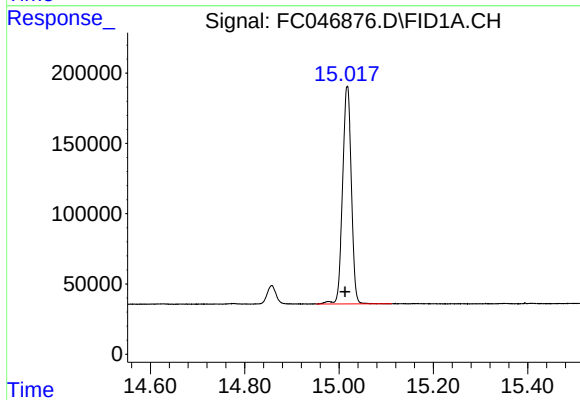
#13 n-Docosane (C22)

R.T.: 13.920 min
Delta R.T.: 0.004 min
Response: 1998139
Conc: 19.46 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

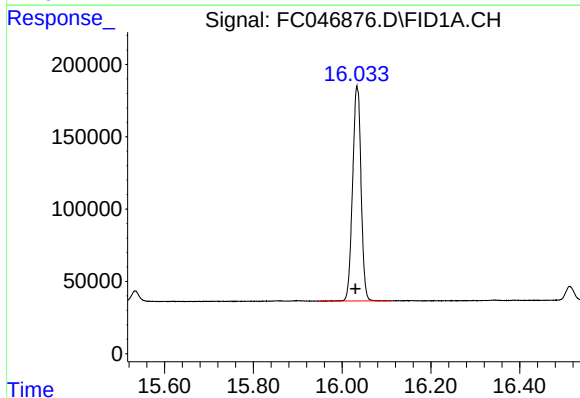
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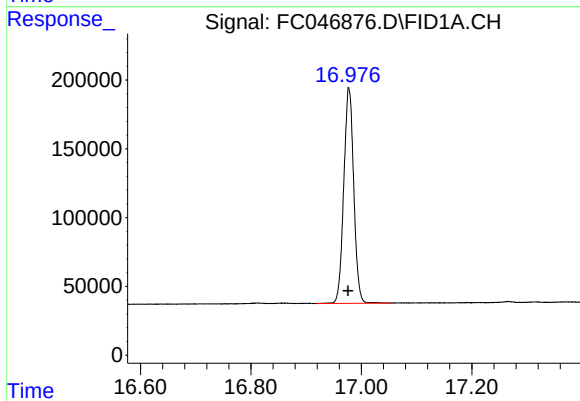
#14 n-Tetracosane (C24)

R.T.: 15.017 min
Delta R.T.: 0.004 min
Response: 1998007
Conc: 19.36 ug/ml



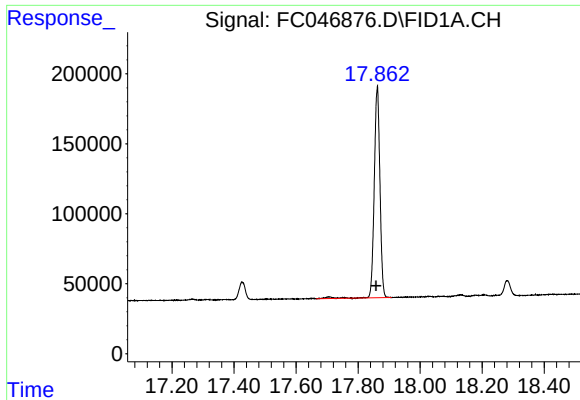
#15 n-Hexacosane (C26)

R.T.: 16.034 min
Delta R.T.: 0.004 min
Response: 1961891
Conc: 19.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.977 min
Delta R.T.: 0.002 min
Response: 1959022
Conc: 19.25 ug/ml



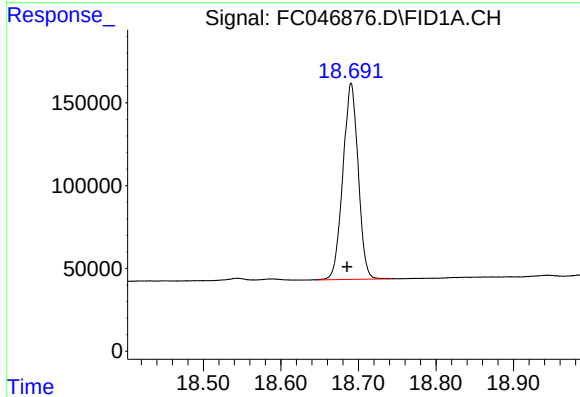
#17 n-Tricontane (C30)

R.T.: 17.862 min
Delta R.T.: 0.004 min
Response: 1923983
Conc: 19.64 ug/ml

Instrument :
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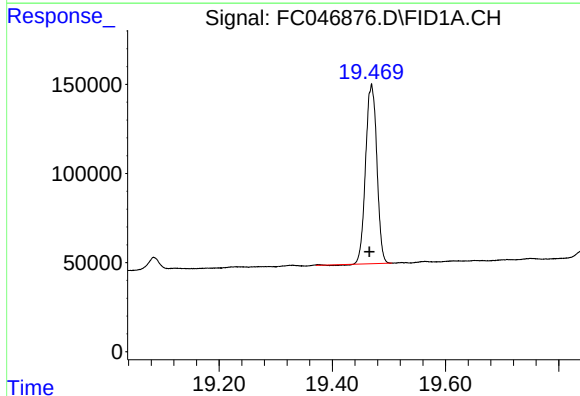
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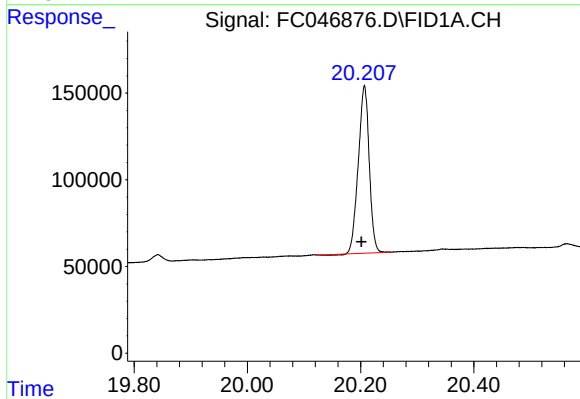
#18 n-Dotriacontane (C32)

R.T.: 18.691 min
Delta R.T.: 0.005 min
Response: 1624164
Conc: 19.37 ug/ml m



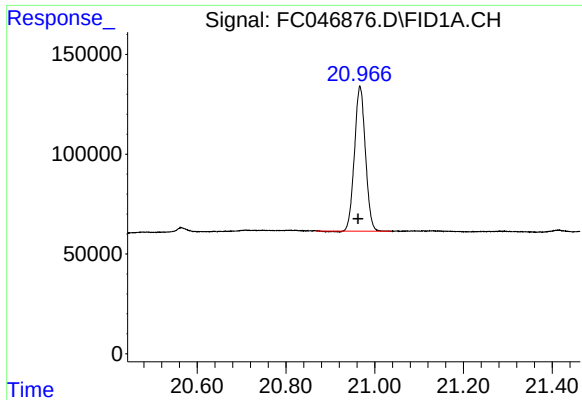
#19 n-Tetratriacontane (C34)

R.T.: 19.469 min
Delta R.T.: 0.004 min
Response: 1377374
Conc: 19.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.206 min
Delta R.T.: 0.005 min
Response: 1292934
Conc: 18.46 ug/ml



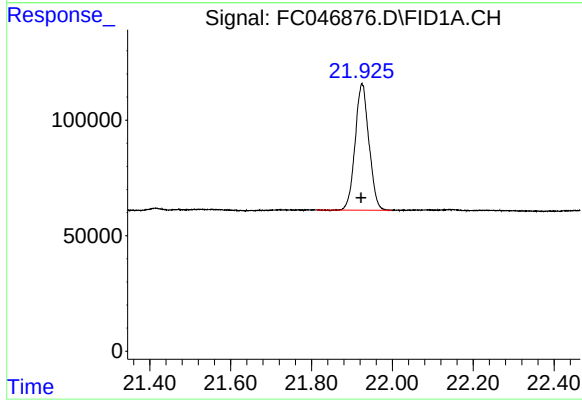
#21 n-Octatriacontane (C38)

R.T.: 20.967 min
Delta R.T.: 0.005 min
Response: 1241950
Conc: 19.68 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.925 min
Delta R.T.: 0.002 min
Response: 1298183
Conc: 18.76 ug/ml