

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030520AL\
 Data File : FC046167.D
 Signal(s) : FID1A.CH
 Acq On : 06 Mar 2020 14:43
 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
 3/11/2020 10:53:14 AM

Integration File: autoint1.e
 Quant Time: Mar 06 15:21:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.765	2240542	19.640 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
12) S 1-chlorooctadecane (S...	13.184	1730976	19.295 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
Target Compounds			
1) T n-Nonane (C9)	3.538	2156447	21.393 ug/ml
2) T n-Decane (C10)	4.608	2198765	21.800 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2376577	21.404 ug/ml
4) T n-Dodecane (C12)	6.619	2220592	21.766 ug/ml
5) T A~2-methylnaphthalene...	7.261	2378823	21.385 ug/ml
6) T n-Tetradecane (C14)	8.405	2206635	21.556 ug/ml
7) T n-Hexadecane (C16)	9.998	2192778	21.179 ug/ml
8) T n-Octadecane (C18)	11.434	2168687	20.630 ug/ml
10) T n-Eicosane (C20)	12.737	2115926	20.016 ug/ml
11) T n-Heneicosane (C21)	13.348	2097811	19.668 ug/ml
13) T n-Docosane (C22)	13.931	2059646	19.384 ug/ml
14) T n-Tetracosane (C24)	15.029	2018257	18.857 ug/ml
15) T n-Hexacosane (C26)	16.046	1972234	18.556 ug/ml
16) T n-Octacosane (C28)	16.992	1943265	18.561 ug/ml
17) T n-Tricontane (C30)	17.876	1917507	19.028 ug/ml
18) T n-Dotriacontane (C32)	18.704	1662222	19.422 ug/ml
19) T n-Tetratriacontane (C34)	19.487	1421227	19.582 ug/ml
20) T n-Hexatriacontane (C36)	20.222	1537715	22.738 ug/mlm
21) T n-Octatriacontane (C38)	20.988	1143644	18.921 ug/ml
22) T n-Tetracontane (C40)	21.950	1335160	21.236 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1A.CH
Acq On : 06 Mar 2020 14:43
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

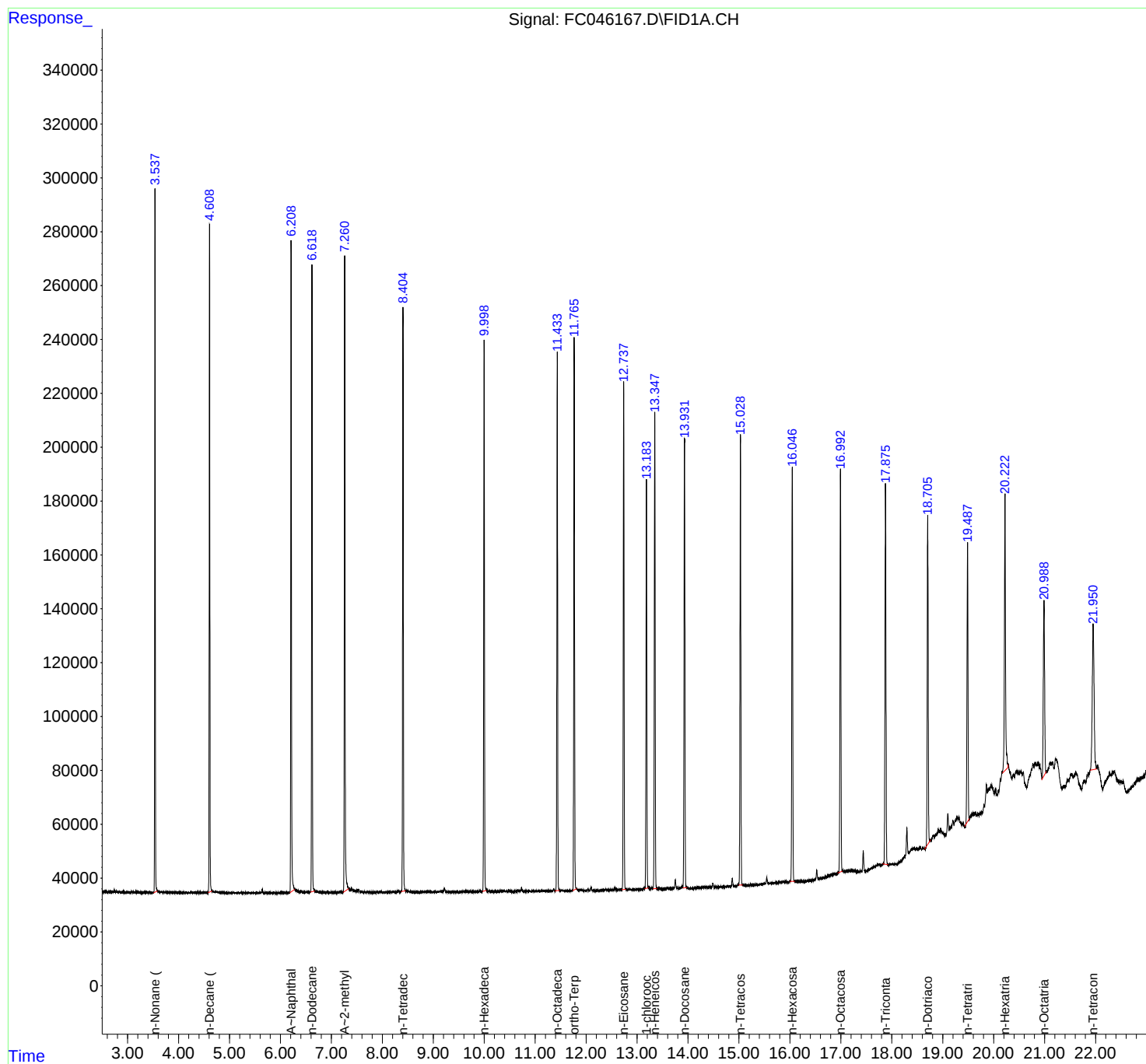
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

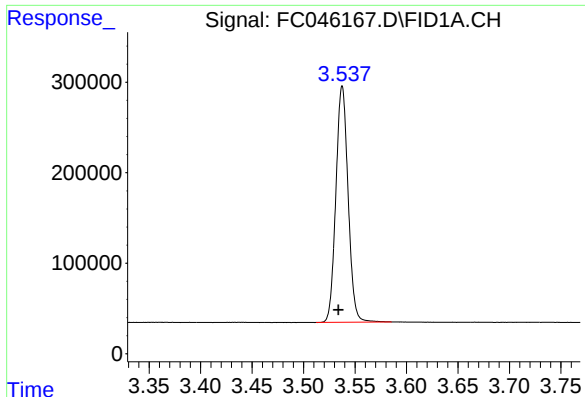
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Integration File: autoint1.e
Quant Time: Mar 06 15:21:34 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022120.M
Quant Title : GC Extractables
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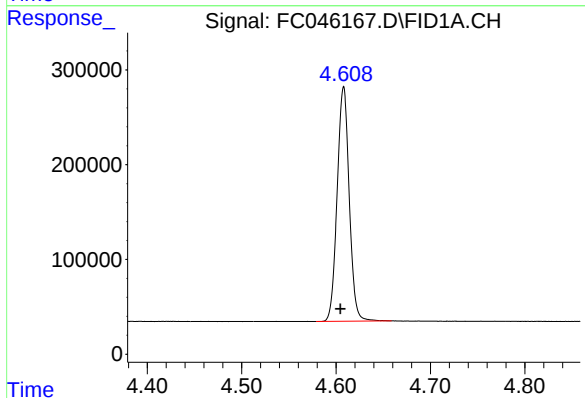
#1 n-Nonane (C9)

R.T.: 3.538 min
Delta R.T.: 0.004 min
Response: 2156447
Conc: 21.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

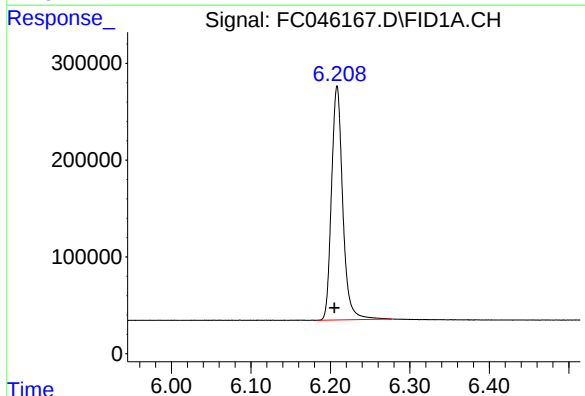
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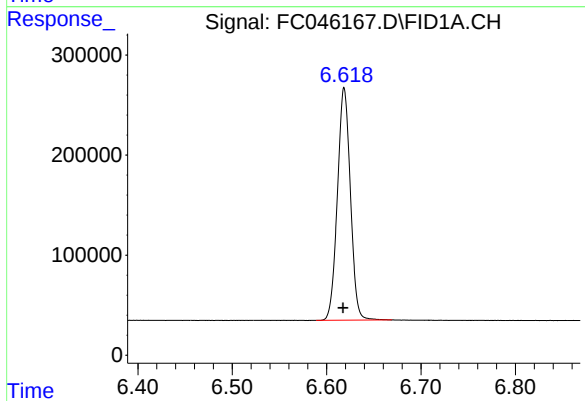
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: 0.003 min
Response: 2198765
Conc: 21.80 ug/ml



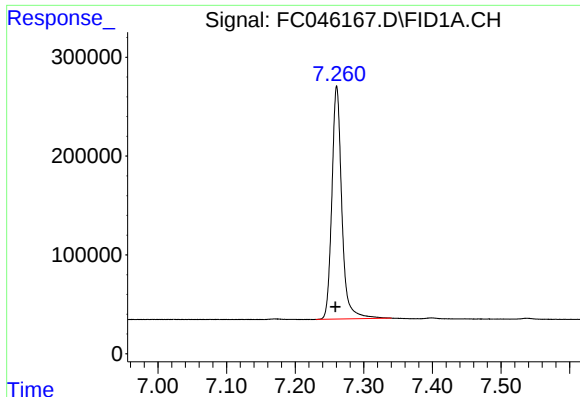
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: 0.003 min
Response: 2376577
Conc: 21.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.619 min
Delta R.T.: 0.001 min
Response: 2220592
Conc: 21.77 ug/ml



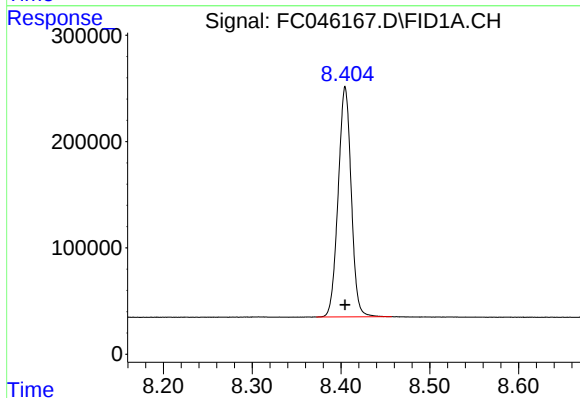
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.261 min
Delta R.T.: 0.002 min
Response: 2378823
Conc: 21.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

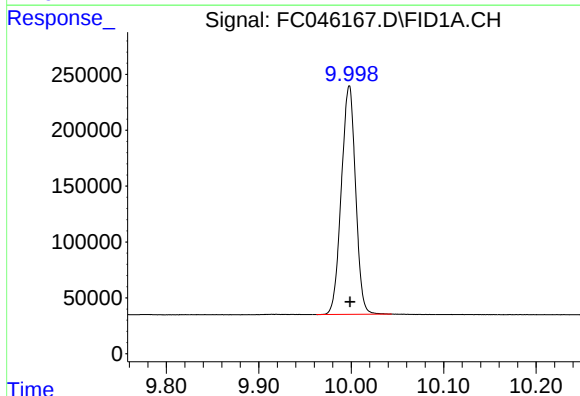
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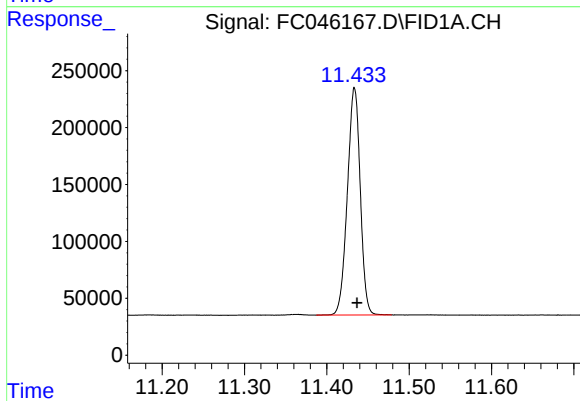
#6 n-Tetradecane (C14)

R.T.: 8.405 min
Delta R.T.: 0.000 min
Response: 2206635
Conc: 21.56 ug/ml



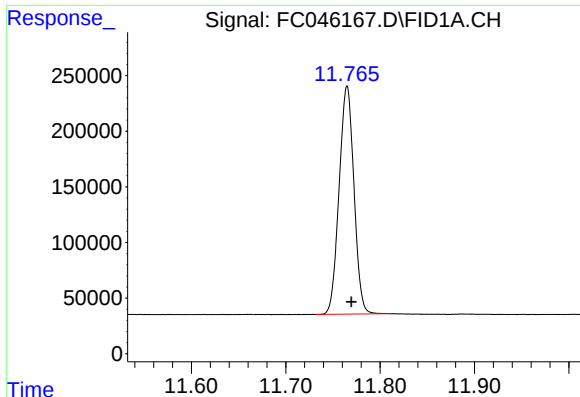
#7 n-Hexadecane (C16)

R.T.: 9.998 min
Delta R.T.: 0.000 min
Response: 2192778
Conc: 21.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.434 min
Delta R.T.: -0.003 min
Response: 2168687
Conc: 20.63 ug/ml



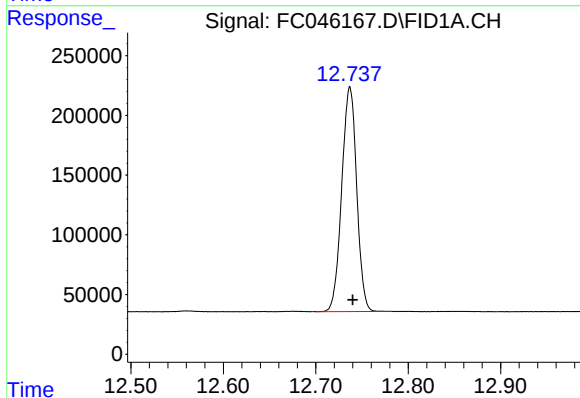
#9 ortho-Terphenyl (SURR)

R.T.: 11.765 min
Delta R.T.: -0.005 min
Response: 2240542
Conc: 19.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

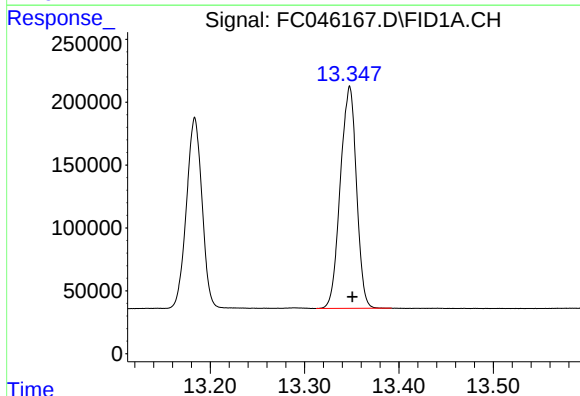
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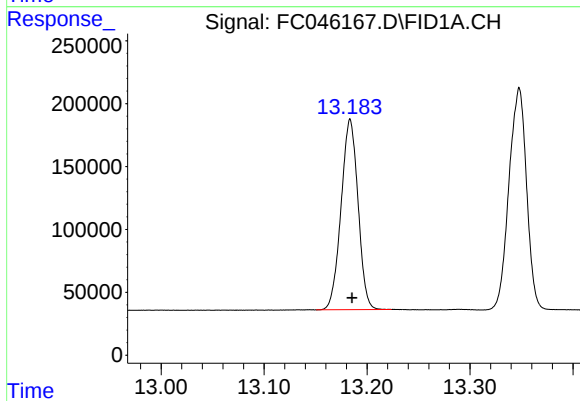
#10 n-Eicosane (C20)

R.T.: 12.737 min
Delta R.T.: -0.003 min
Response: 2115926
Conc: 20.02 ug/ml



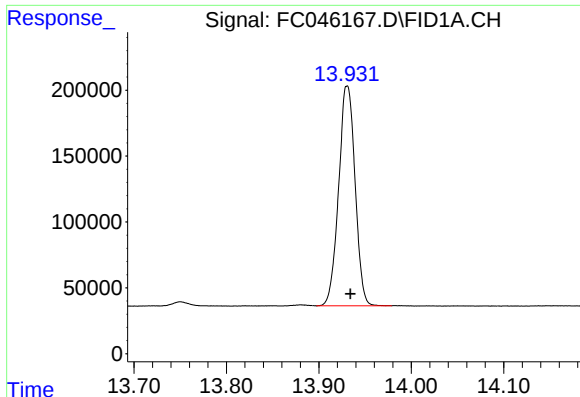
#11 n-Heneicosane (C21)

R.T.: 13.348 min
Delta R.T.: -0.003 min
Response: 2097811
Conc: 19.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.184 min
Delta R.T.: -0.002 min
Response: 1730976
Conc: 19.30 ug/ml



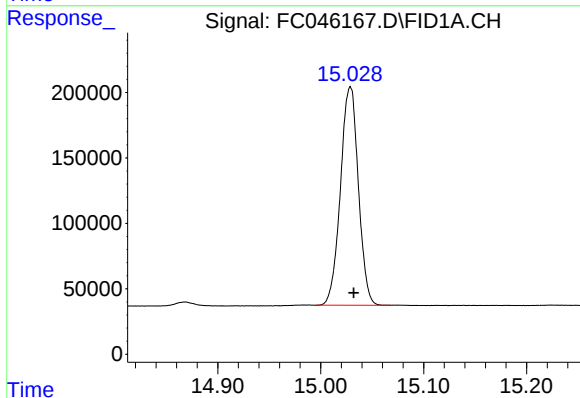
#13 n-Docosane (C22)

R.T.: 13.931 min
Delta R.T.: -0.004 min
Response: 2059646
Conc: 19.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

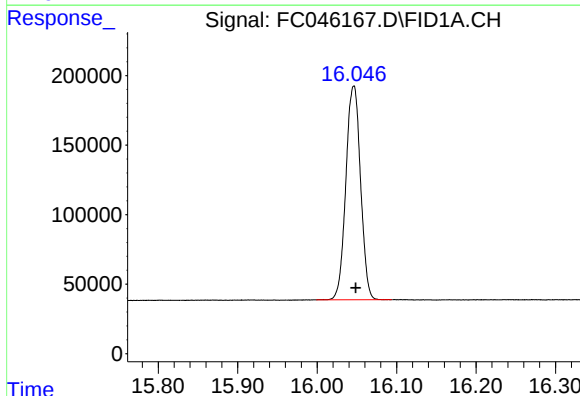
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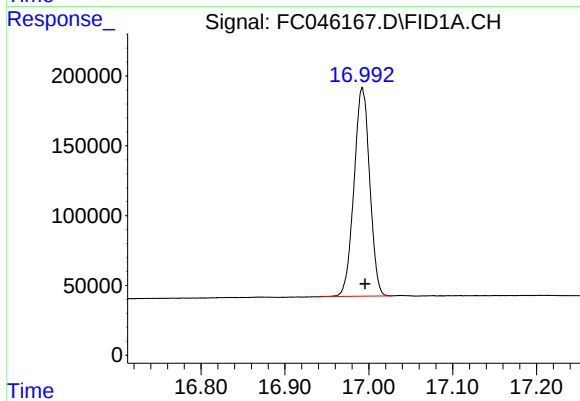
#14 n-Tetracosane (C24)

R.T.: 15.029 min
Delta R.T.: -0.004 min
Response: 2018257
Conc: 18.86 ug/ml



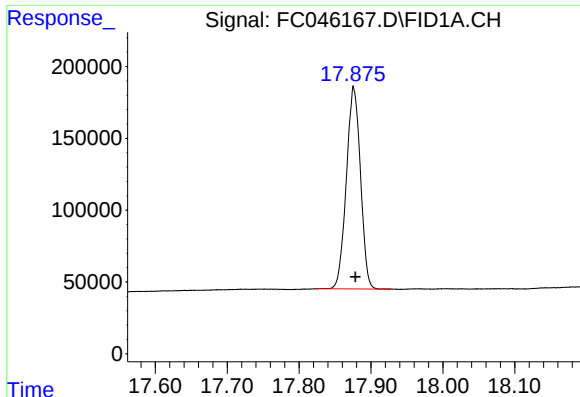
#15 n-Hexacosane (C26)

R.T.: 16.046 min
Delta R.T.: -0.002 min
Response: 1972234
Conc: 18.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.992 min
Delta R.T.: -0.003 min
Response: 1943265
Conc: 18.56 ug/ml



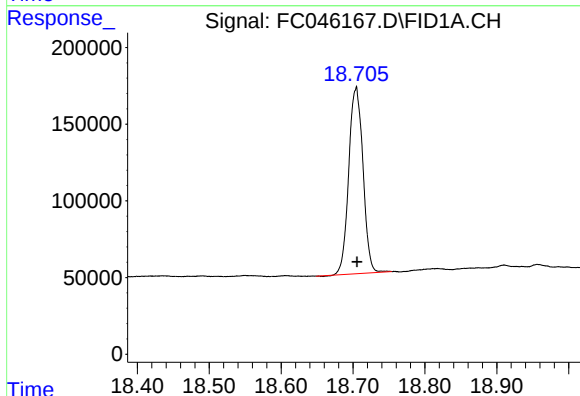
#17 n-Tricontane (C30)

R.T.: 17.876 min
Delta R.T.: -0.002 min
Response: 1917507
Conc: 19.03 ug/ml

Instrument :
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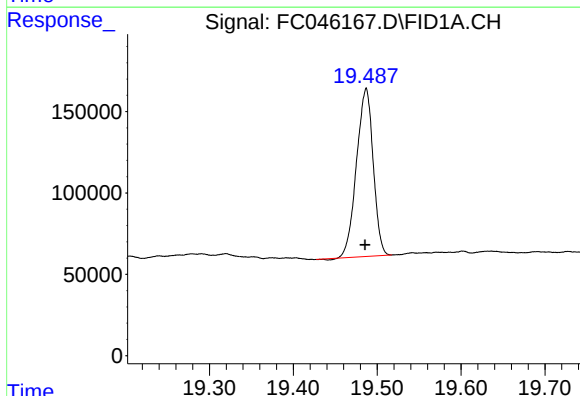
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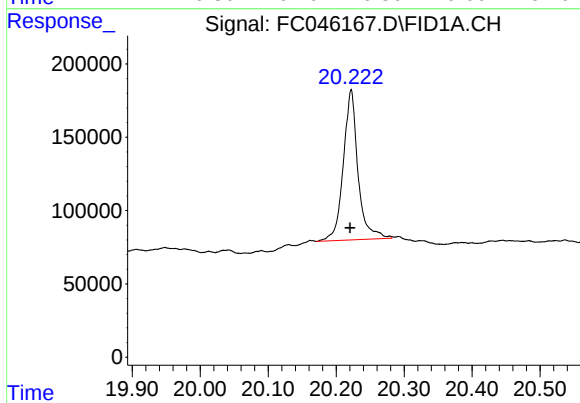
#18 n-Dotriacontane (C32)

R.T.: 18.704 min
Delta R.T.: -0.001 min
Response: 1662222
Conc: 19.42 ug/ml



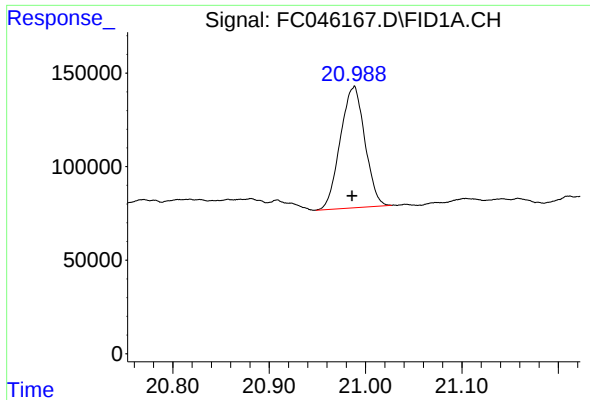
#19 n-Tetratriacontane (C34)

R.T.: 19.487 min
Delta R.T.: 0.002 min
Response: 1421227
Conc: 19.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.222 min
Delta R.T.: 0.001 min
Response: 1537715
Conc: 22.74 ug/ml m



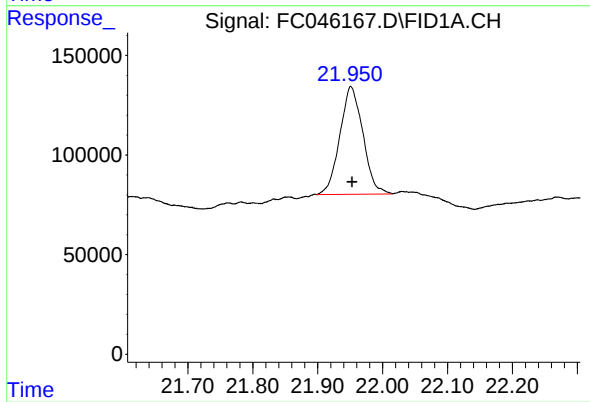
#21 n-Octatriacontane (C38)

R.T.: 20.988 min
Delta R.T.: 0.002 min
Response: 1143644
Conc: 18.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: -0.003 min
Response: 1335160
Conc: 21.24 ug/ml m