

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042720AL\
 Data File : FC047146.D
 Signal(s) : FID1A.CH
 Acq On : 27 Apr 2020 7:44
 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
 4/28/2020 3:44:48 PM

Integration File: sample.E
 Quant Time: Apr 28 00:50:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 16:30:34 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)	11.754	2300959	20.678 ug/ml
Spiked Amount 50.000		Recovery =	41.36%
12) S 1-chlorooctadecane (S...	13.169	1808175	20.247 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
Target Compounds			
1) T n-Nonane (C9)	3.552	2067199	21.412 ug/ml
2) T n-Decane (C10)	4.618	2083337	21.597 ug/ml
3) T A~Naphthalene (C11.7)	6.218	2192452	21.764 ug/ml
4) T n-Dodecane (C12)	6.621	2136909	21.734 ug/ml
5) T A~2-methylnaphthalene...	7.265	2192829	21.984 ug/ml
6) T n-Tetradecane (C14)	8.401	2147513	21.745 ug/ml
7) T n-Hexadecane (C16)	9.991	2164394	21.468 ug/ml
8) T n-Octadecane (C18)	11.422	2173597	21.055 ug/ml
10) T n-Eicosane (C20)	12.723	2164976	20.633 ug/ml
11) T n-Heneicosane (C21)	13.331	2160116	20.308 ug/ml
13) T n-Docosane (C22)	13.914	2212948	20.797 ug/ml
14) T n-Tetracosane (C24)	15.011	2217522	20.620 ug/ml
15) T n-Hexacosane (C26)	16.026	2168057	20.095 ug/ml
16) T n-Octacosane (C28)	16.971	2134875	19.974 ug/ml
17) T n-Tricontane (C30)	17.854	2032695	20.313 ug/ml
18) T n-Dotriacontane (C32)	18.680	1551712	20.363 ug/mlm
19) T n-Tetratriacontane (C34)	19.458	1121869	19.965 ug/mlm
20) T n-Hexatriacontane (C36)	20.195	988991	19.763 ug/mlm
21) T n-Octatriacontane (C38)	20.953	874544	19.286 ug/ml
22) T n-Tetracontane (C40)	21.908	943235	20.107 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

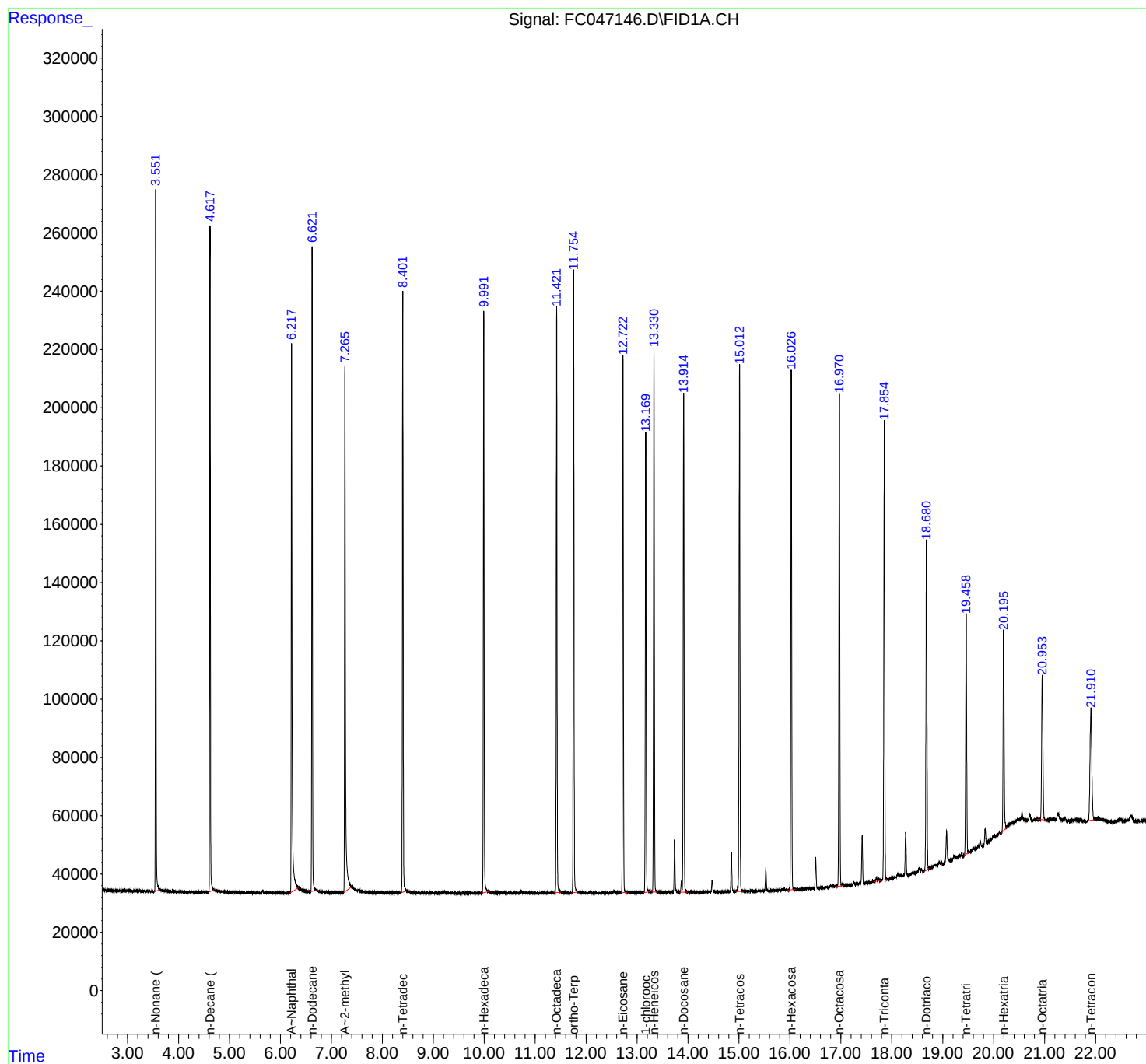
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

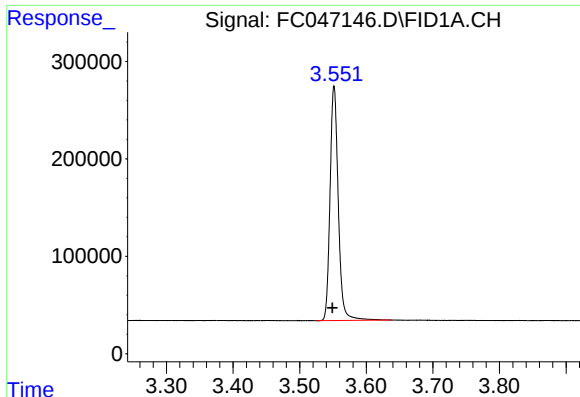
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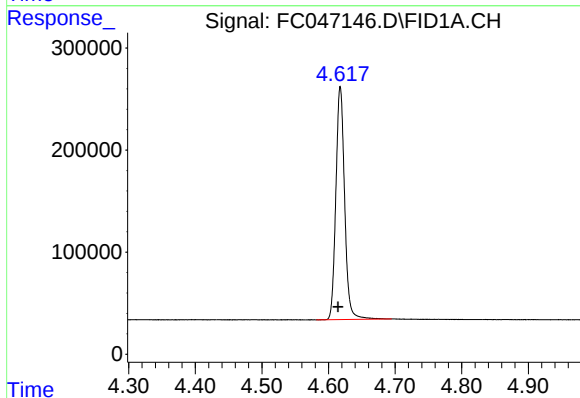
#1 n-Nonane (C9)

R.T.: 3.552 min
Delta R.T.: 0.003 min
Response: 2067199
Conc: 21.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

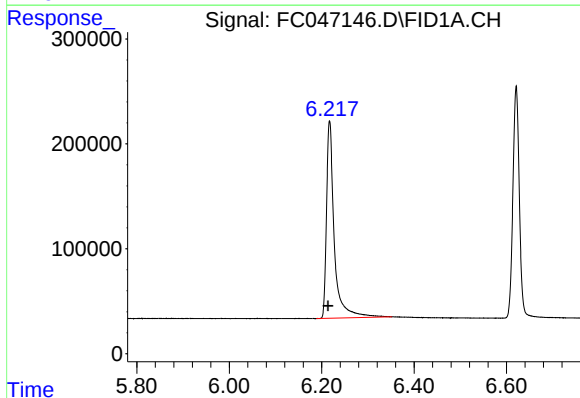
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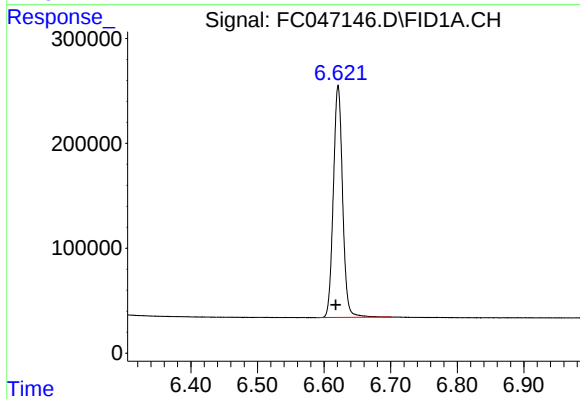
#2 n-Decane (C10)

R.T.: 4.618 min
Delta R.T.: 0.003 min
Response: 2083337
Conc: 21.60 ug/ml



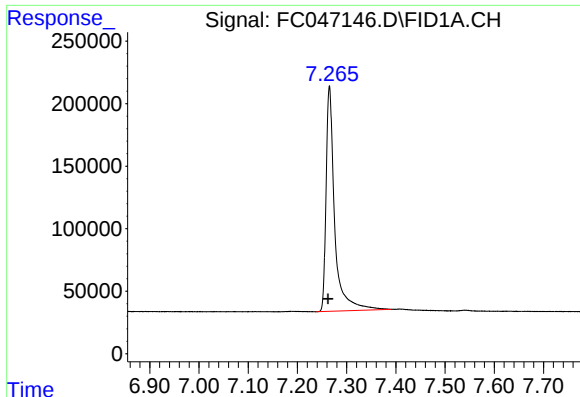
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: 0.004 min
Response: 2192452
Conc: 21.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.621 min
Delta R.T.: 0.004 min
Response: 2136909
Conc: 21.73 ug/ml



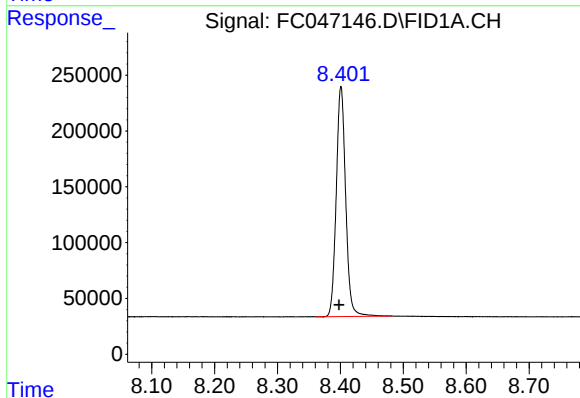
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.265 min
Delta R.T.: 0.003 min
Response: 2192829
Conc: 21.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

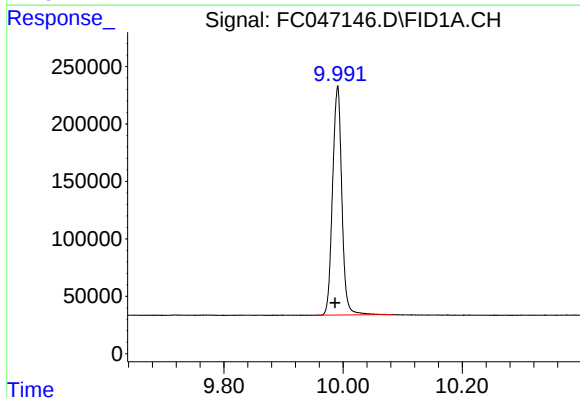
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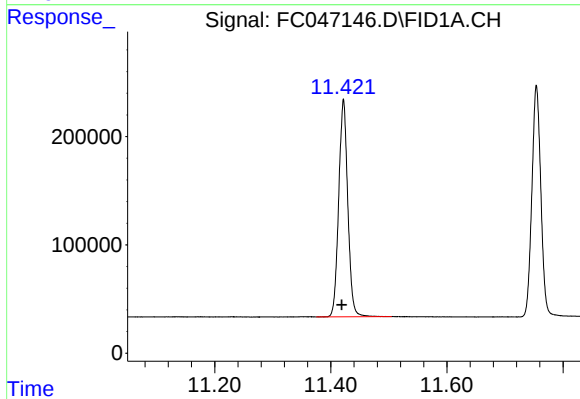
#6 n-Tetradecane (C14)

R.T.: 8.401 min
Delta R.T.: 0.003 min
Response: 2147513
Conc: 21.74 ug/ml



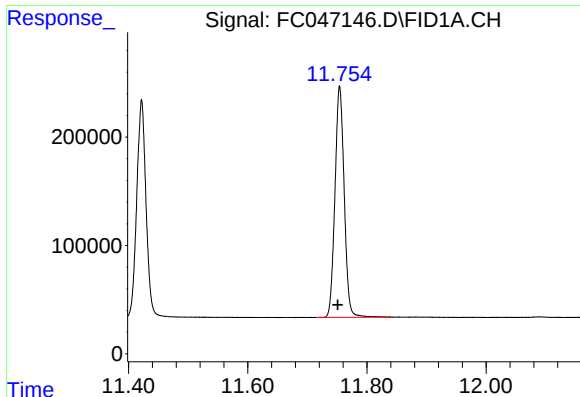
#7 n-Hexadecane (C16)

R.T.: 9.991 min
Delta R.T.: 0.004 min
Response: 2164394
Conc: 21.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.422 min
Delta R.T.: 0.003 min
Response: 2173597
Conc: 21.05 ug/ml



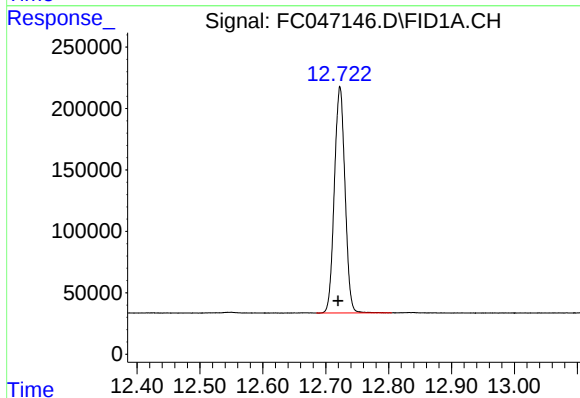
#9 ortho-Terphenyl (SURR)

R.T.: 11.754 min
Delta R.T.: 0.003 min
Response: 2300959
Conc: 20.68 ug/ml

Instrument :
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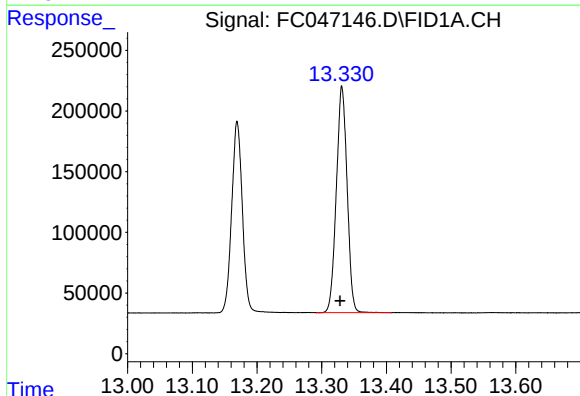
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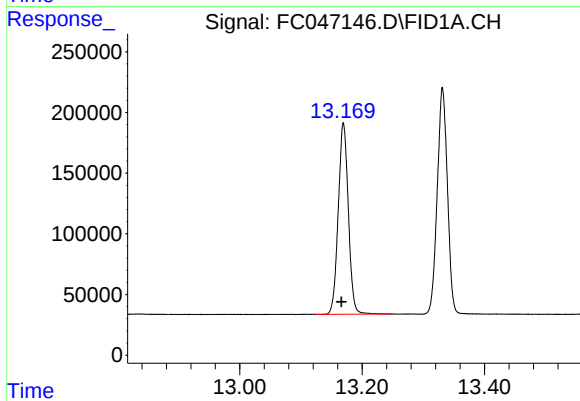
#10 n-Eicosane (C20)

R.T.: 12.723 min
Delta R.T.: 0.003 min
Response: 2164976
Conc: 20.63 ug/ml



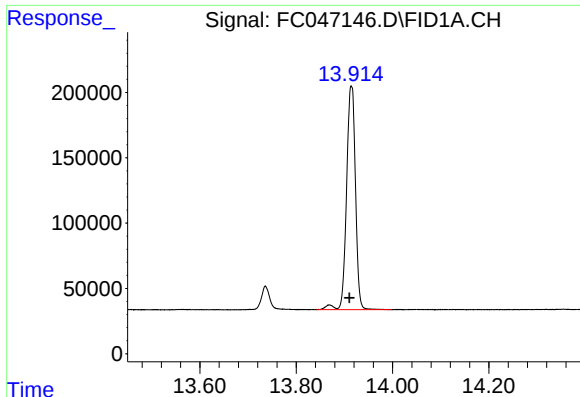
#11 n-Heneicosane (C21)

R.T.: 13.331 min
Delta R.T.: 0.003 min
Response: 2160116
Conc: 20.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.169 min
Delta R.T.: 0.003 min
Response: 1808175
Conc: 20.25 ug/ml



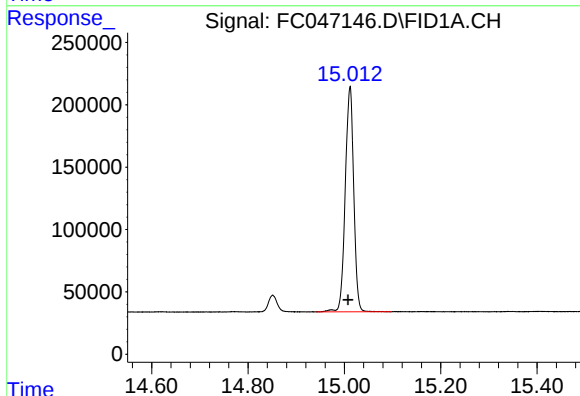
#13 n-Docosane (C22)

R.T.: 13.914 min
Delta R.T.: 0.003 min
Response: 2212948
Conc: 20.80 ug/ml

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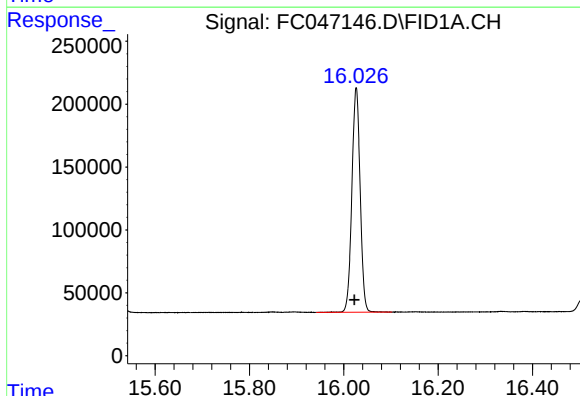
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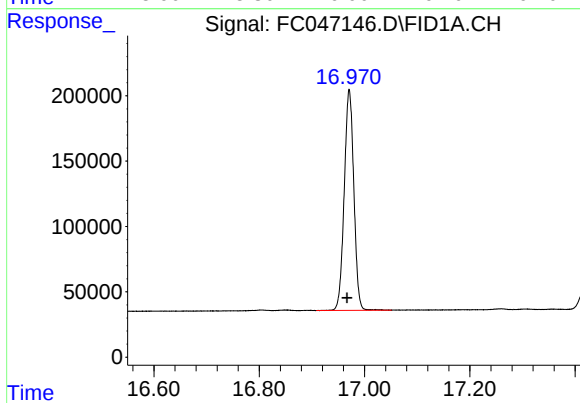
#14 n-Tetracosane (C24)

R.T.: 15.011 min
Delta R.T.: 0.004 min
Response: 2217522
Conc: 20.62 ug/ml



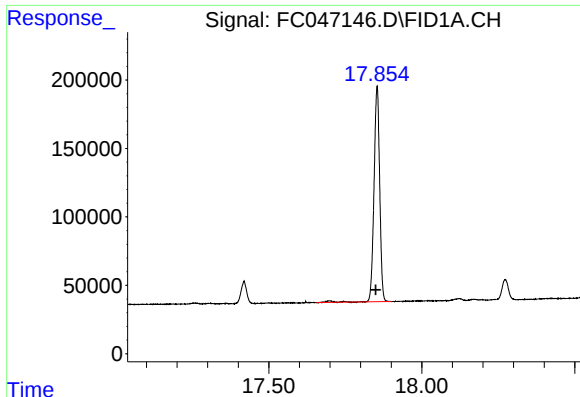
#15 n-Hexacosane (C26)

R.T.: 16.026 min
Delta R.T.: 0.003 min
Response: 2168057
Conc: 20.09 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.971 min
Delta R.T.: 0.004 min
Response: 2134875
Conc: 19.97 ug/ml



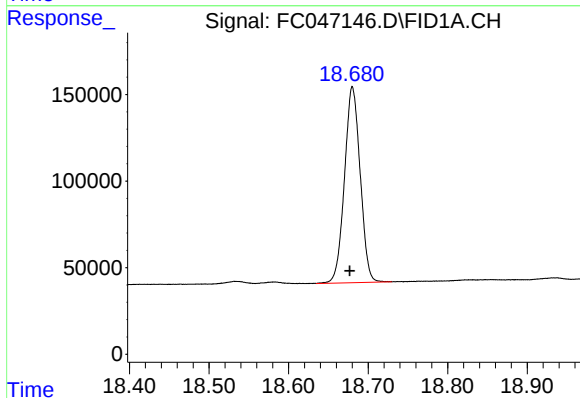
#17 n-Tricontane (C30)

R.T.: 17.854 min
Delta R.T.: 0.004 min
Response: 2032695
Conc: 20.31 ug/ml

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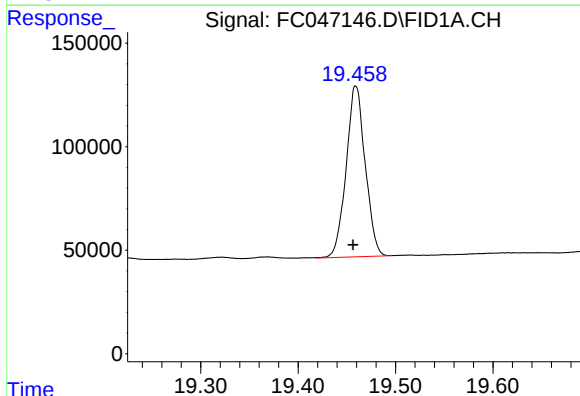
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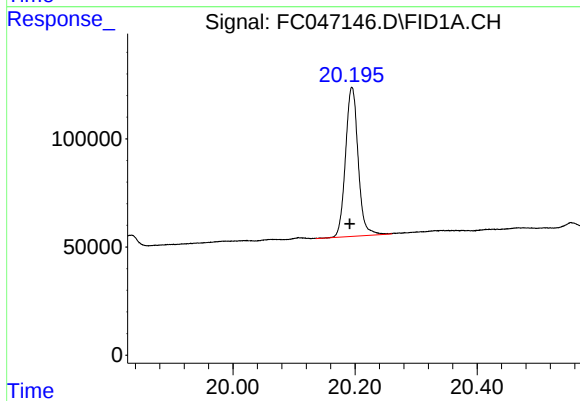
#18 n-Dotriacontane (C32)

R.T.: 18.680 min
Delta R.T.: 0.003 min
Response: 1551712
Conc: 20.36 ug/ml m



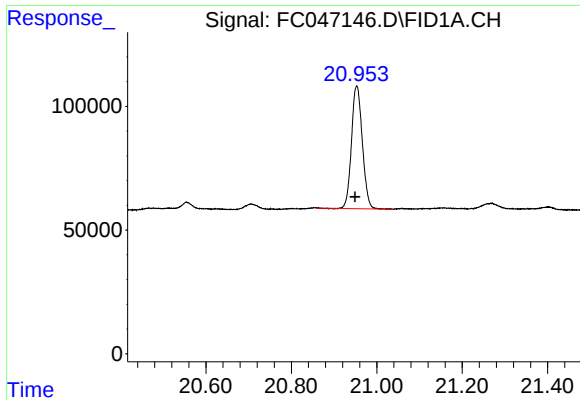
#19 n-Tetratriacontane (C34)

R.T.: 19.458 min
Delta R.T.: 0.002 min
Response: 1121869
Conc: 19.96 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.195 min
Delta R.T.: 0.003 min
Response: 988991
Conc: 19.76 ug/ml m



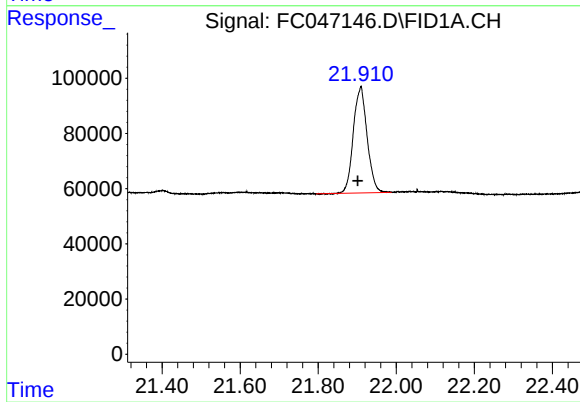
#21 n-Octatriacontane (C38)

R.T.: 20.953 min
Delta R.T.: 0.004 min
Response: 874544
Conc: 19.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.908 min
Delta R.T.: 0.006 min
Response: 943235
Conc: 20.11 ug/ml