

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022420AL\
 Data File : FC045949.D
 Signal(s) : FID1A.CH
 Acq On : 25 Feb 2020 7:49
 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
 2/25/2020 10:33:06 AM

Integration File: autoint1.e
 Quant Time: Feb 25 08:13:38 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)	11.762	2505276	21.961 ug/ml
Spiked Amount 50.000		Recovery =	43.92%
12) S 1-chlorooctadecane (S...	13.180	1956538	21.810 ug/ml
Spiked Amount 50.000		Recovery =	43.62%
Target Compounds			
1) T n-Nonane (C9)	3.532	2221840	22.042 ug/ml
2) T n-Decane (C10)	4.601	2250259	22.310 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2478315	22.320 ug/ml
4) T n-Dodecane (C12)	6.612	2293152	22.478 ug/ml
5) T A~2-methylnaphthalene...	7.252	2515177	22.611 ug/ml
6) T n-Tetradecane (C14)	8.399	2295102	22.420 ug/ml
7) T n-Hexadecane (C16)	9.993	2304135	22.254 ug/ml
8) T n-Octadecane (C18)	11.429	2319814	22.068 ug/ml
10) T n-Eicosane (C20)	12.734	2314571	21.895 ug/ml
11) T n-Heneicosane (C21)	13.344	2324024	21.789 ug/ml
13) T n-Docosane (C22)	13.928	2307170	21.713 ug/ml
14) T n-Tetracosane (C24)	15.026	2299673	21.487 ug/ml
15) T n-Hexacosane (C26)	16.044	2252252	21.191 ug/ml
16) T n-Octacosane (C28)	16.990	2186090	20.880 ug/ml
17) T n-Tricontane (C30)	17.874	2076847	20.609 ug/ml
18) T n-Dotriacontane (C32)	18.702	1734536	20.267 ug/ml
19) T n-Tetratriacontane (C34)	19.484	1473153	20.297 ug/ml
20) T n-Hexatriacontane (C36)	20.219	1317804	19.486 ug/mlm
21) T n-Octatriacontane (C38)	20.985	1215129	20.104 ug/ml
22) T n-Tetracontane (C40)	21.947	1275696	20.291 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 2 Sample Multiplier: 1

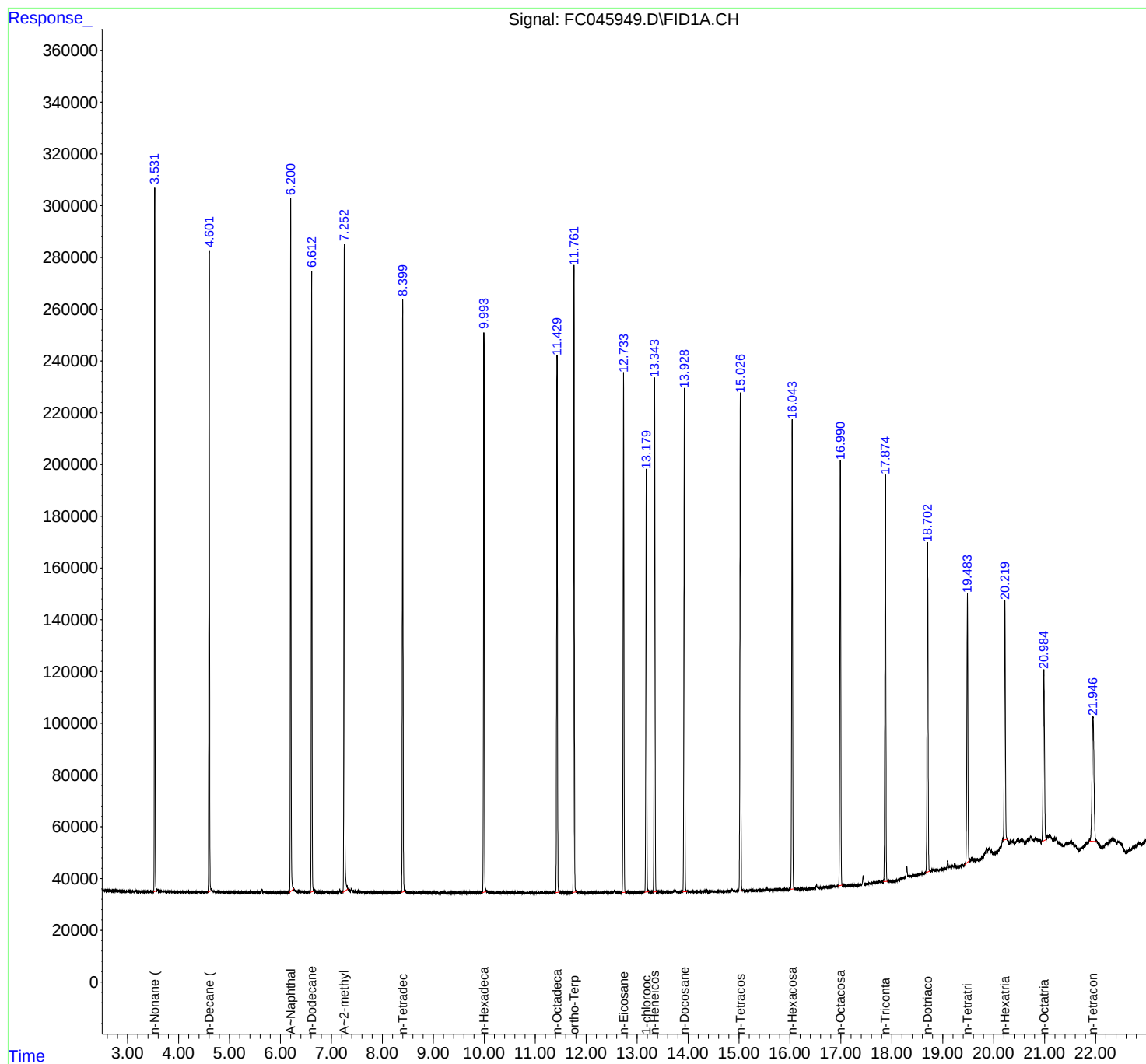
Instrument :
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20 PPM ALIPHATIC HC STD

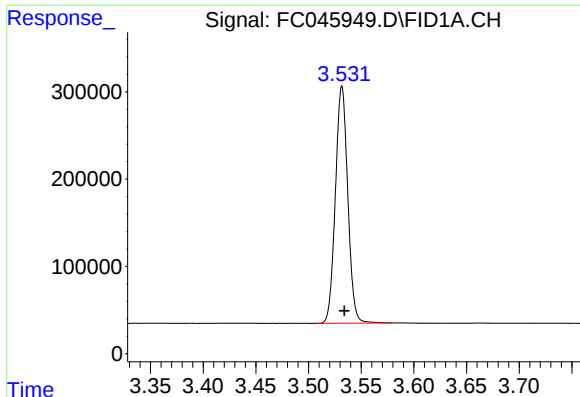
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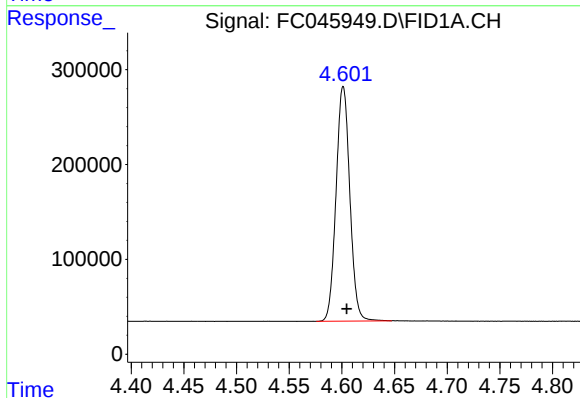
#1 n-Nonane (C9)

R.T.: 3.532 min
Delta R.T.: -0.002 min
Response: 2221840
Conc: 22.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

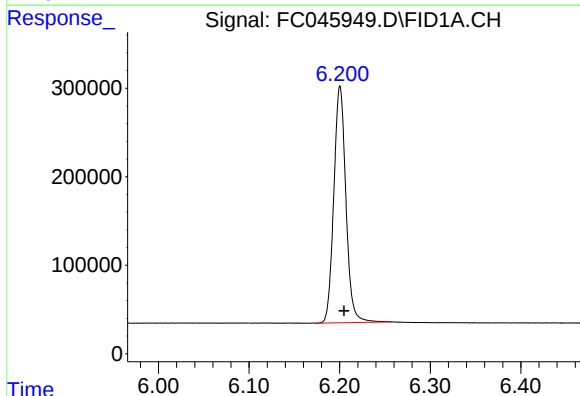
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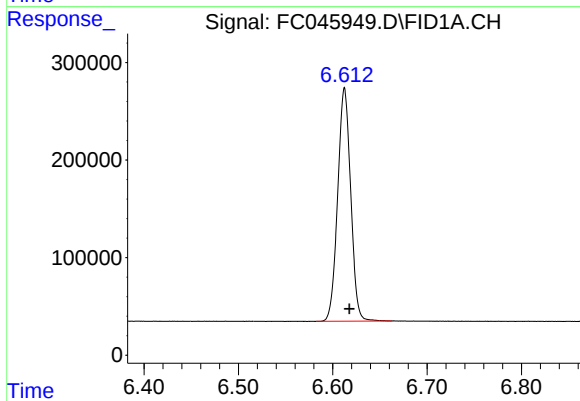
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.003 min
Response: 2250259
Conc: 22.31 ug/ml



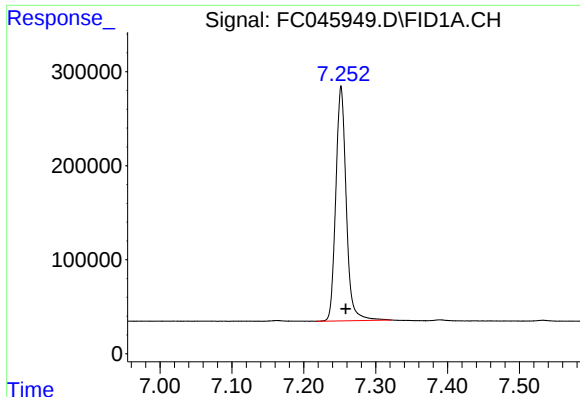
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.005 min
Response: 2478315
Conc: 22.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.612 min
Delta R.T.: -0.005 min
Response: 2293152
Conc: 22.48 ug/ml



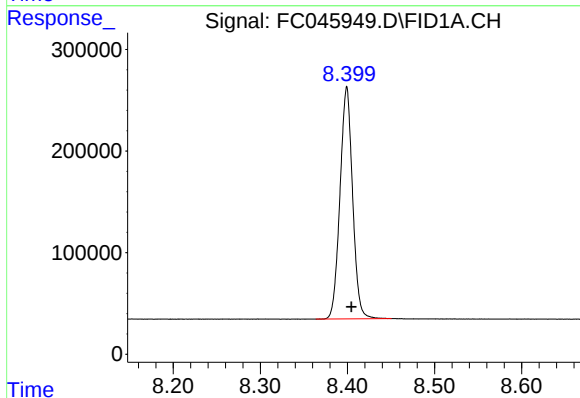
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.252 min
Delta R.T.: -0.007 min
Response: 2515177
Conc: 22.61 ug/ml

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20 PPM ALIPHATIC HC STD

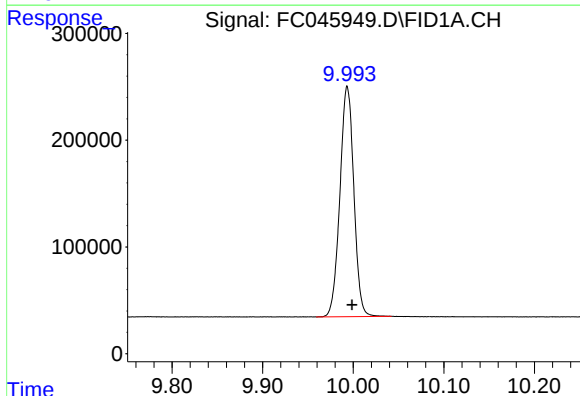
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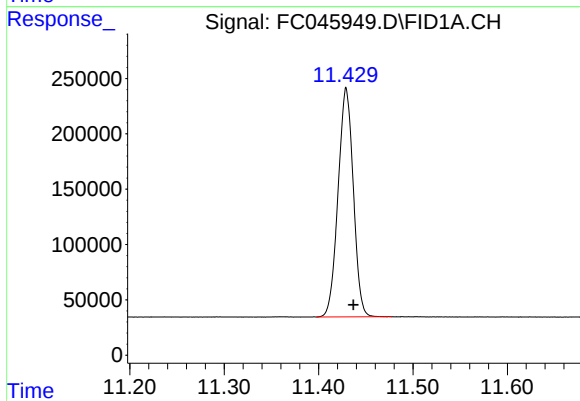
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: -0.005 min
Response: 2295102
Conc: 22.42 ug/ml



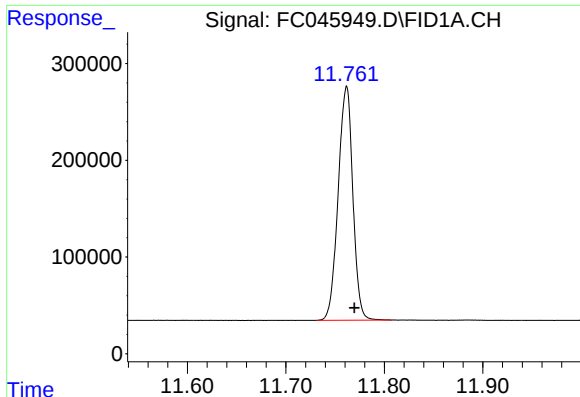
#7 n-Hexadecane (C16)

R.T.: 9.993 min
Delta R.T.: -0.005 min
Response: 2304135
Conc: 22.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.429 min
Delta R.T.: -0.008 min
Response: 2319814
Conc: 22.07 ug/ml



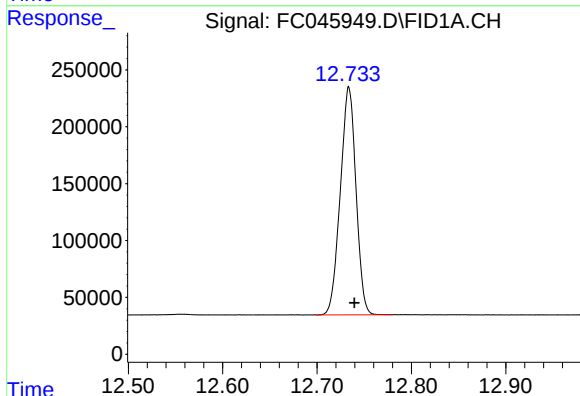
#9 ortho-Terphenyl (SURR)

R.T.: 11.762 min
Delta R.T.: -0.008 min
Response: 2505276
Conc: 21.96 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

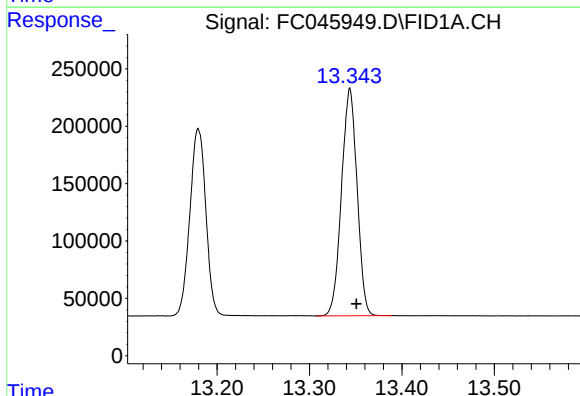
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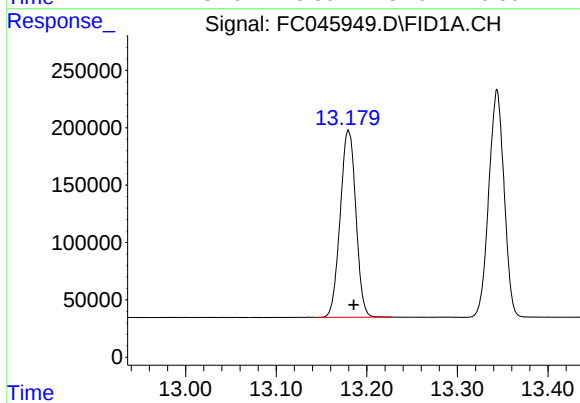
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: -0.006 min
Response: 2314571
Conc: 21.90 ug/ml



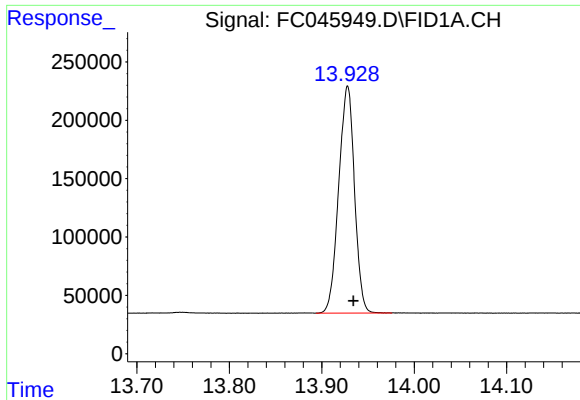
#11 n-Heneicosane (C21)

R.T.: 13.344 min
Delta R.T.: -0.007 min
Response: 2324024
Conc: 21.79 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.180 min
Delta R.T.: -0.006 min
Response: 1956538
Conc: 21.81 ug/ml



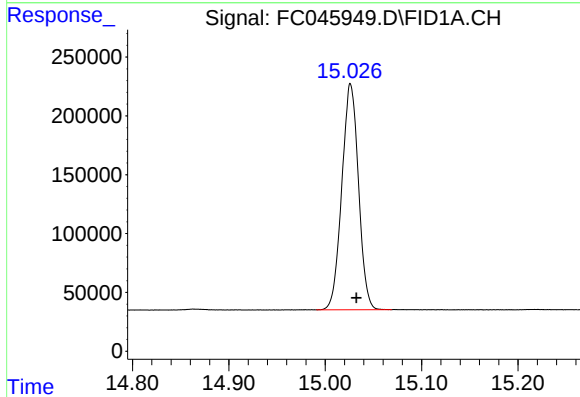
#13 n-Docosane (C22)

R.T.: 13.928 min
Delta R.T.: -0.006 min
Response: 2307170
Conc: 21.71 ug/ml

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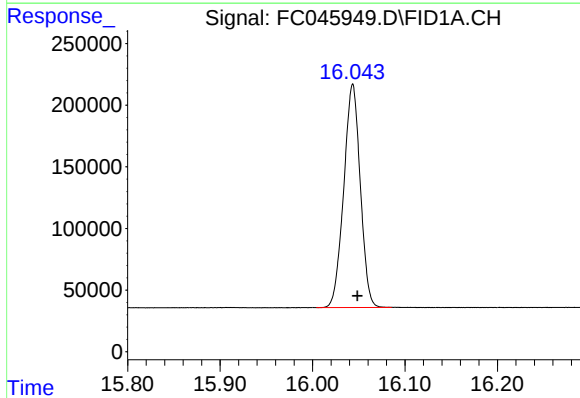
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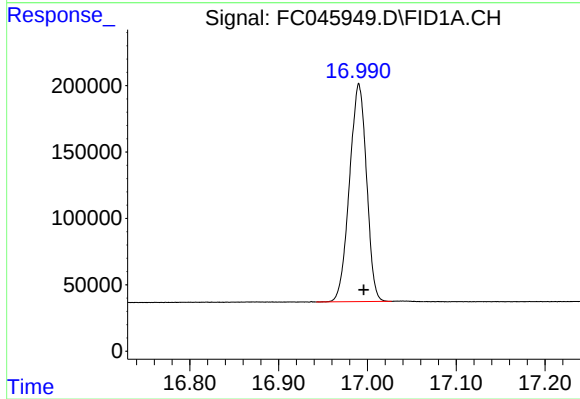
#14 n-Tetracosane (C24)

R.T.: 15.026 min
Delta R.T.: -0.006 min
Response: 2299673
Conc: 21.49 ug/ml



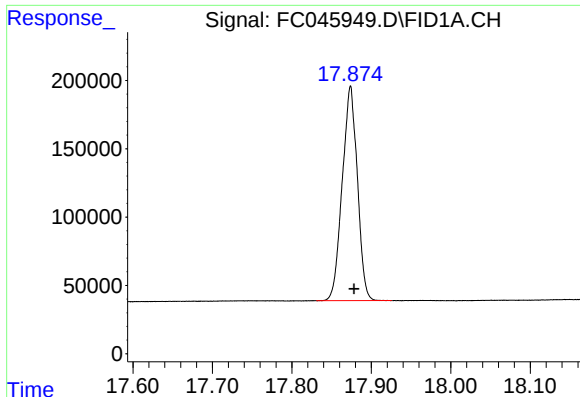
#15 n-Hexacosane (C26)

R.T.: 16.044 min
Delta R.T.: -0.005 min
Response: 2252252
Conc: 21.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.990 min
Delta R.T.: -0.005 min
Response: 2186090
Conc: 20.88 ug/ml



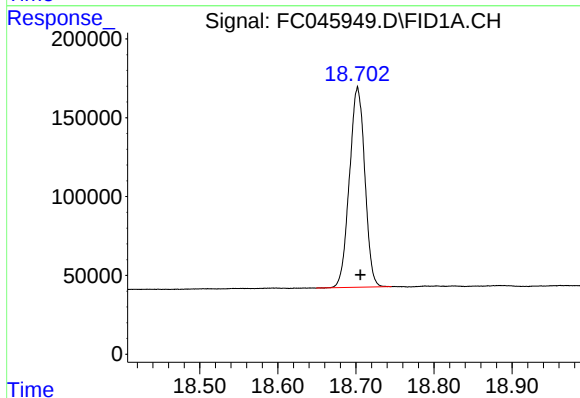
#17 n-Tricontane (C30)

R.T.: 17.874 min
Delta R.T.: -0.004 min
Response: 2076847
Conc: 20.61 ug/ml

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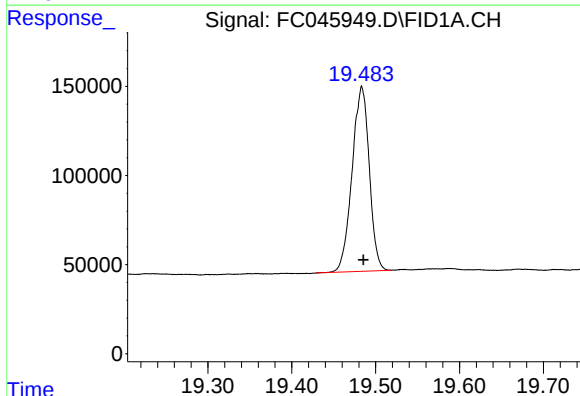
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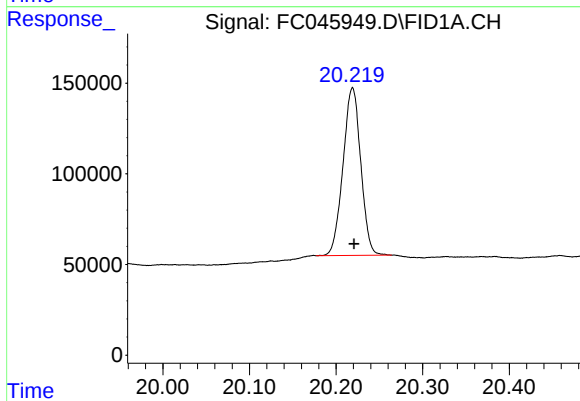
#18 n-Dotriacontane (C32)

R.T.: 18.702 min
Delta R.T.: -0.004 min
Response: 1734536
Conc: 20.27 ug/ml



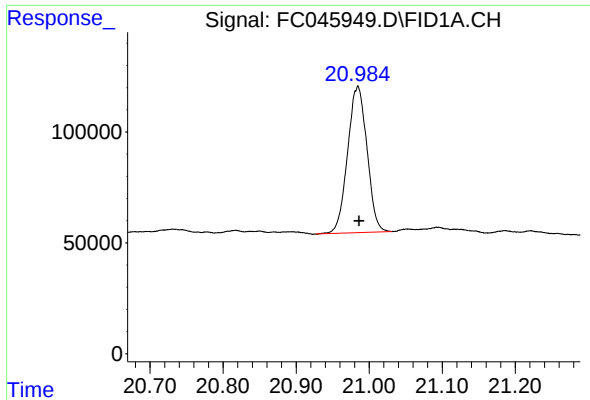
#19 n-Tetratriacontane (C34)

R.T.: 19.484 min
Delta R.T.: -0.002 min
Response: 1473153
Conc: 20.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.219 min
Delta R.T.: -0.002 min
Response: 1317804
Conc: 19.49 ug/ml m



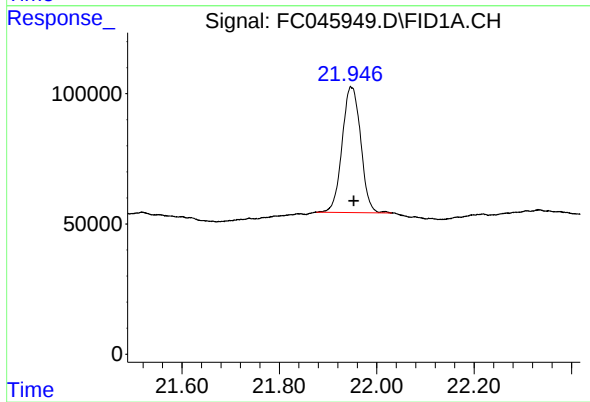
#21 n-Octatriacontane (C38)

R.T.: 20.985 min
Delta R.T.: -0.001 min
Response: 1215129
Conc: 20.10 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.947 min
Delta R.T.: -0.006 min
Response: 1275696
Conc: 20.29 ug/ml