

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102720AL\
 Data File : FC050378.D
 Signal(s) : FID1A.CH
 Acq On : 28 Oct 2020 9:37
 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

Ankita
 10/28/2020 3:42:59 PM

Integration File: autoint1.e
 Quant Time: Oct 28 10:01:27 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 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)	11.626	2055955	18.342 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
12) S 1-chlorooctadecane (S...	13.060	1581093	18.252 ug/ml
Spiked Amount 50.000		Recovery =	36.50%
Target Compounds			
1) T n-Nonane (C9)	3.372	1997131	20.153 ug/ml
2) T n-Decane (C10)	4.443	2003370	20.122 ug/ml
3) T A~Naphthalene (C11.7)	6.037	2155913	19.560 ug/ml
4) T n-Dodecane (C12)	6.465	2017339	19.993 ug/ml
5) T A~2-methylnaphthalene...	7.096	2164052	19.442 ug/ml
6) T n-Tetradecane (C14)	8.262	1985914	19.823 ug/ml
7) T n-Hexadecane (C16)	9.863	1924136	19.523 ug/ml
8) T n-Octadecane (C18)	11.305	1976289	19.136 ug/ml
10) T n-Eicosane (C20)	12.615	1938968	18.634 ug/ml
11) T n-Heneicosane (C21)	13.226	1909115	18.372 ug/ml
13) T n-Docosane (C22)	13.812	1880830	18.119 ug/ml
14) T n-Tetracosane (C24)	14.915	1837754	17.693 ug/ml
15) T n-Hexacosane (C26)	15.935	1790751	17.378 ug/ml
16) T n-Octacosane (C28)	16.884	1773923	17.140 ug/ml
17) T n-Tricontane (C30)	17.771	1749023	17.139 ug/ml
18) T n-Dotriacontane (C32)	18.602	1653674	17.214 ug/ml
19) T n-Tetratriacontane (C34)	19.383	1603170	17.478 ug/mlm
20) T n-Hexatriacontane (C36)	20.123	1552088	17.523 ug/mlm
21) T n-Octatriacontane (C38)	20.869	1535276	18.619 ug/mlm
22) T n-Tetracontane (C40)	21.801	1513221	18.096 ug/mlm

(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

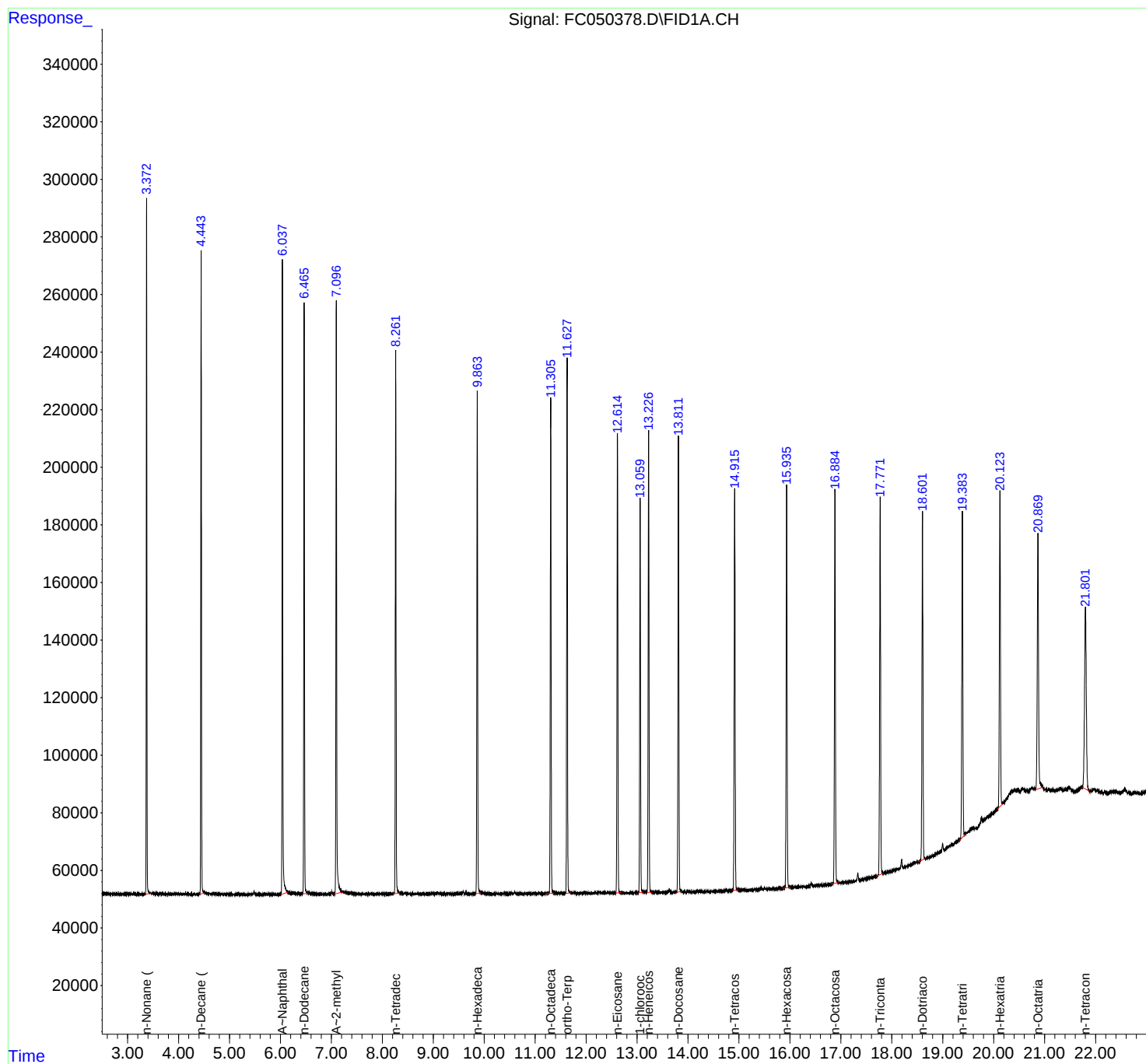
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

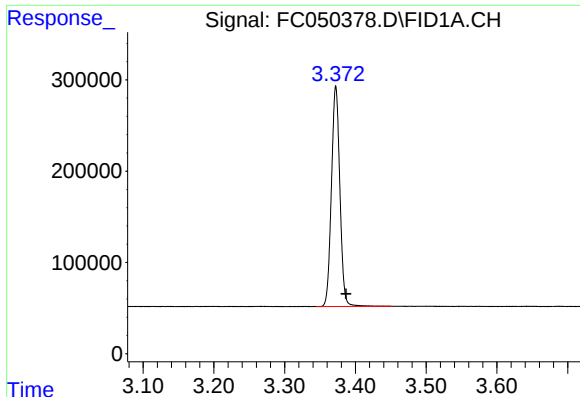
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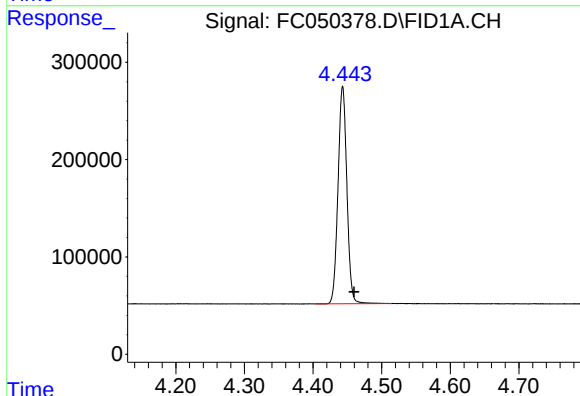
#1 n-Nonane (C9)

R.T.: 3.372 min
Delta R.T.: -0.015 min
Response: 1997131
Conc: 20.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

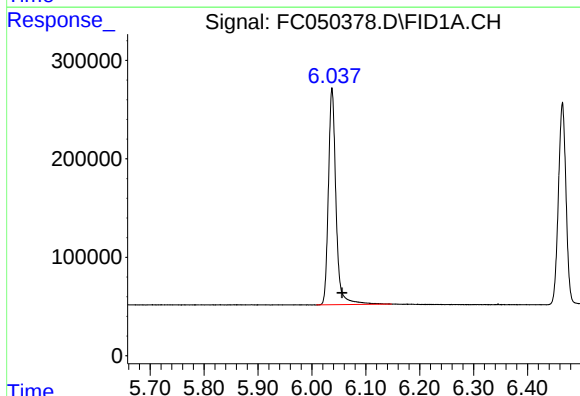
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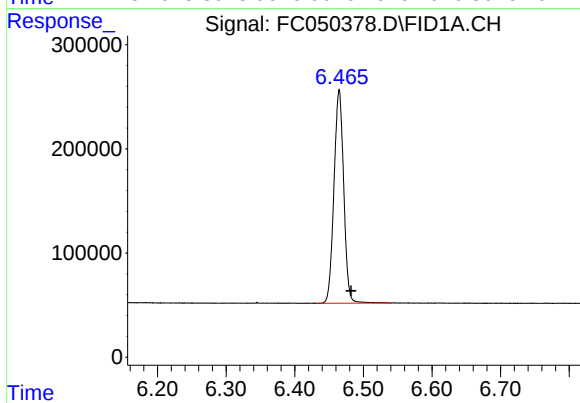
#2 n-Decane (C10)

R.T.: 4.443 min
Delta R.T.: -0.017 min
Response: 2003370
Conc: 20.12 ug/ml



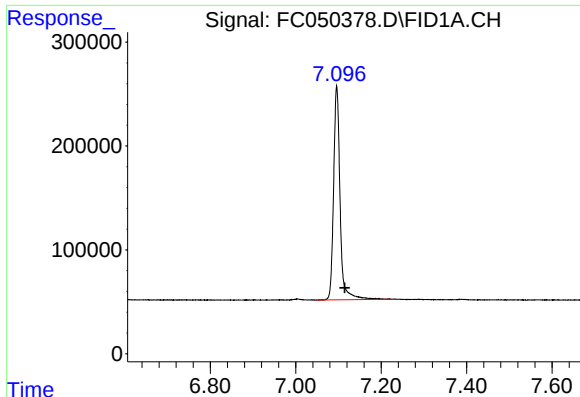
#3 A~Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: -0.019 min
Response: 2155913
Conc: 19.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.465 min
Delta R.T.: -0.017 min
Response: 2017339
Conc: 19.99 ug/ml



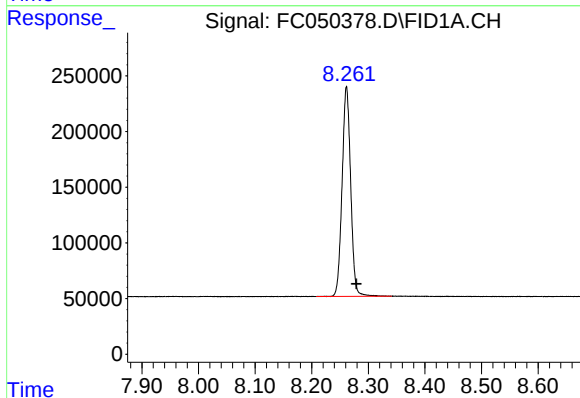
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.096 min
Delta R.T.: -0.018 min
Response: 2164052
Conc: 19.44 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

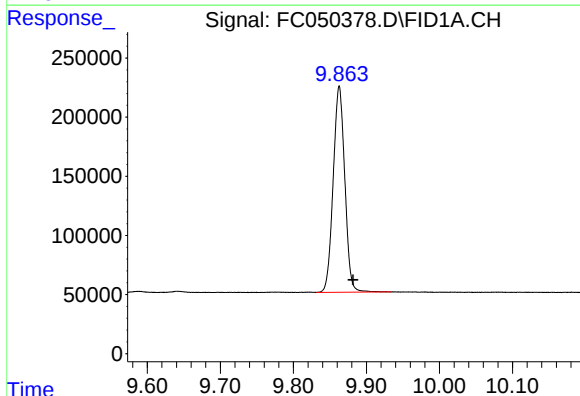
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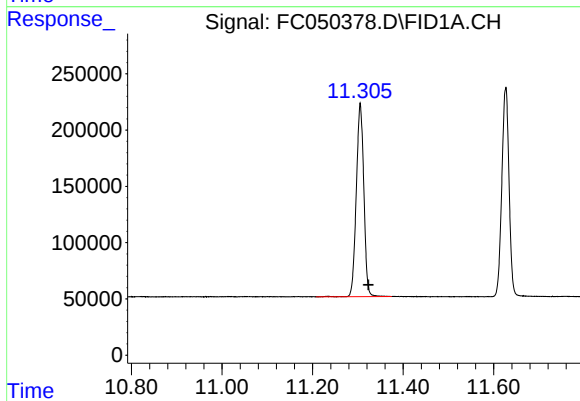
#6 n-Tetradecane (C14)

R.T.: 8.262 min
Delta R.T.: -0.017 min
Response: 1985914
Conc: 19.82 ug/ml



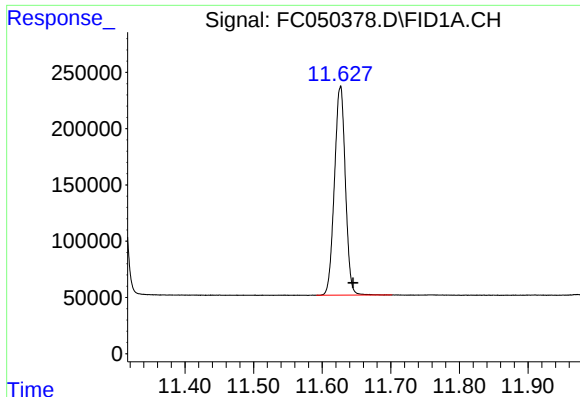
#7 n-Hexadecane (C16)

R.T.: 9.863 min
Delta R.T.: -0.019 min
Response: 1924136
Conc: 19.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.305 min
Delta R.T.: -0.018 min
Response: 1976289
Conc: 19.14 ug/ml



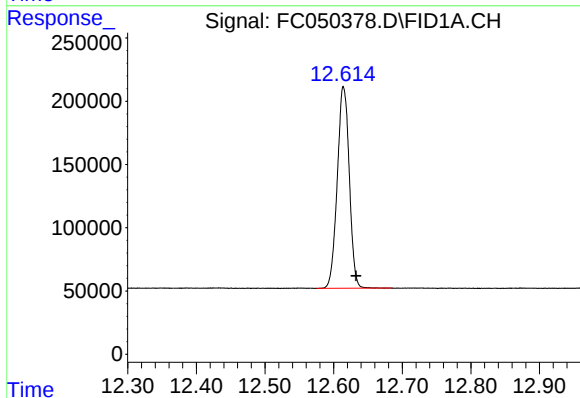
#9 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: -0.019 min
Response: 2055955
Conc: 18.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

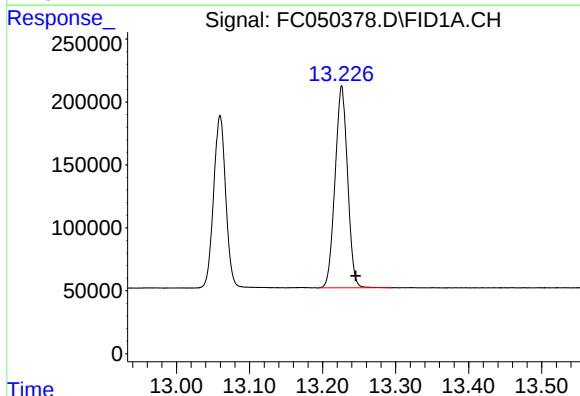
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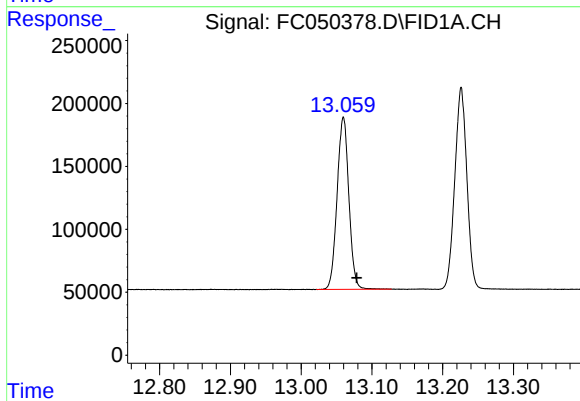
#10 n-Eicosane (C20)

R.T.: 12.615 min
Delta R.T.: -0.018 min
Response: 1938968
Conc: 18.63 ug/ml



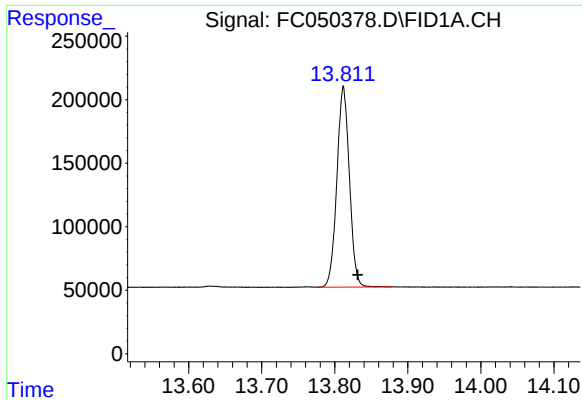
#11 n-Heneicosane (C21)

R.T.: 13.226 min
Delta R.T.: -0.019 min
Response: 1909115
Conc: 18.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.060 min
Delta R.T.: -0.019 min
Response: 1581093
Conc: 18.25 ug/ml



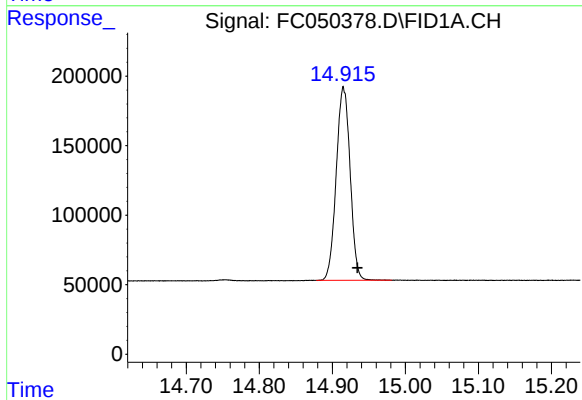
#13 n-Docosane (C22)

R.T.: 13.812 min
Delta R.T.: -0.020 min
Response: 1880830
Conc: 18.12 ug/ml

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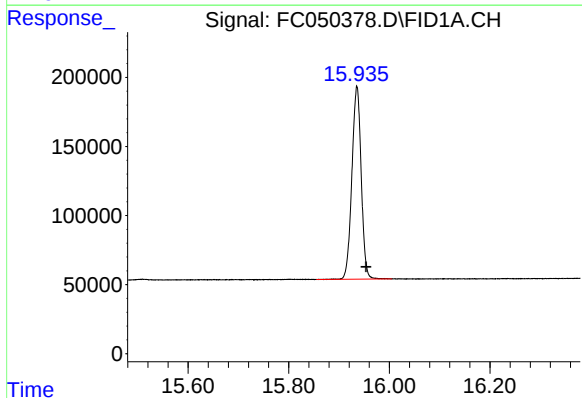
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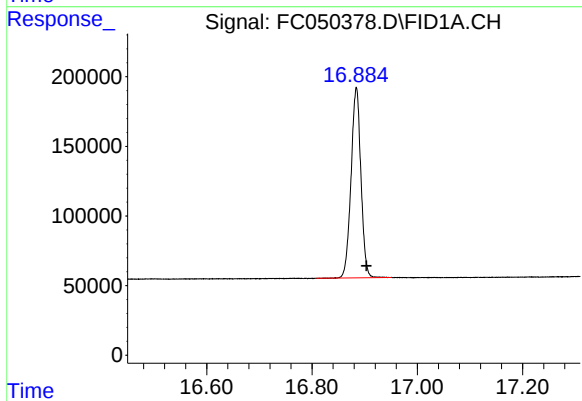
#14 n-Tetracosane (C24)

R.T.: 14.915 min
Delta R.T.: -0.019 min
Response: 1837754
Conc: 17.69 ug/ml



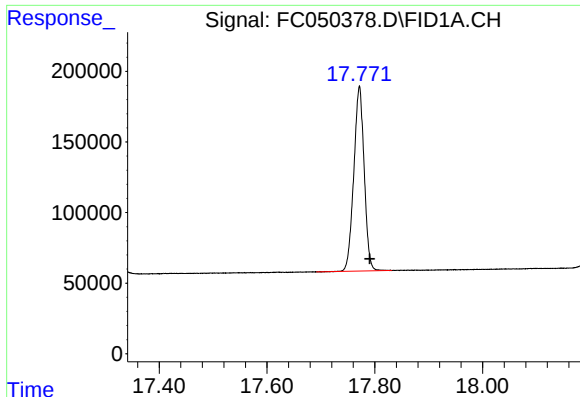
#15 n-Hexacosane (C26)

R.T.: 15.935 min
Delta R.T.: -0.019 min
Response: 1790751
Conc: 17.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.884 min
Delta R.T.: -0.019 min
Response: 1773923
Conc: 17.14 ug/ml



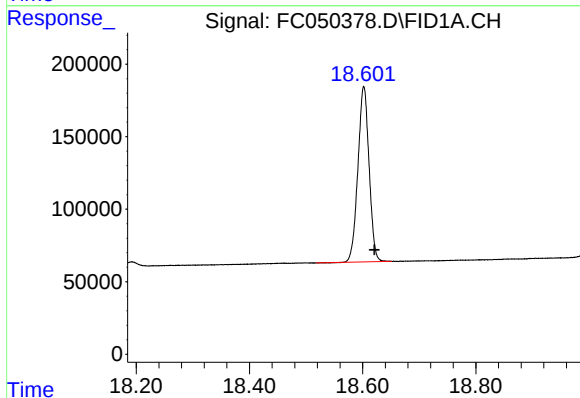
#17 n-Tricontane (C30)

R.T.: 17.771 min
Delta R.T.: -0.020 min
Response: 1749023
Conc: 17.14 ug/ml

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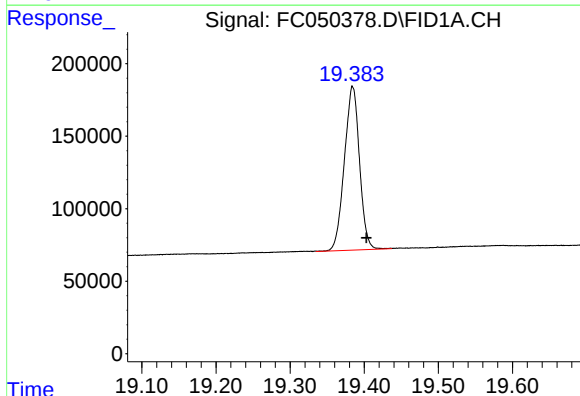
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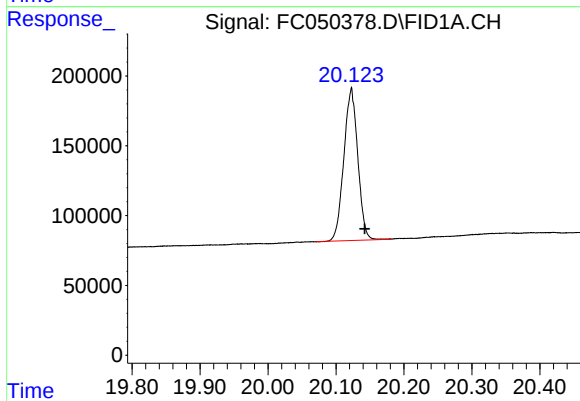
#18 n-Dotriacontane (C32)

R.T.: 18.602 min
Delta R.T.: -0.019 min
Response: 1653674
Conc: 17.21 ug/ml



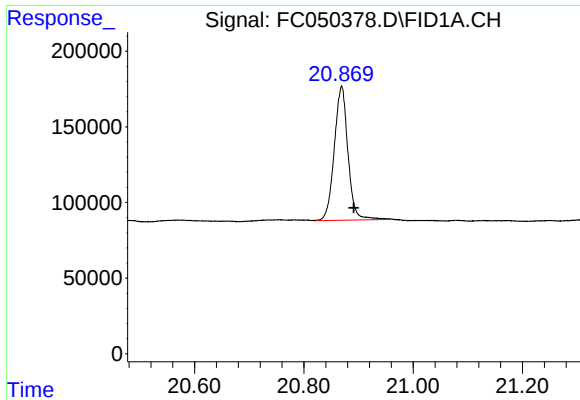
#19 n-Tetratriacontane (C34)

R.T.: 19.383 min
Delta R.T.: -0.020 min
Response: 1603170
Conc: 17.48 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.123 min
Delta R.T.: -0.020 min
Response: 1552088
Conc: 17.52 ug/ml m



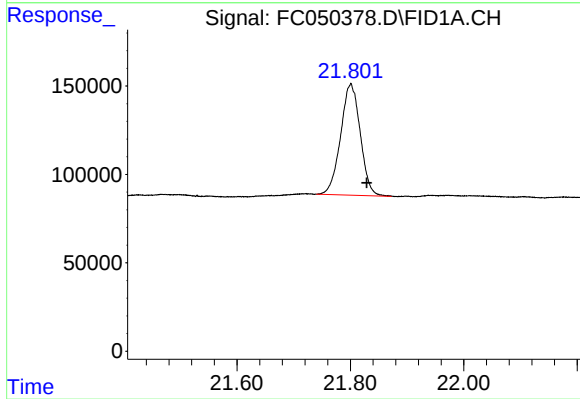
#21 n-Octatriacontane (C38)

R.T.: 20.869 min
Delta R.T.: -0.022 min
Response: 1535276
Conc: 18.62 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.801 min
Delta R.T.: -0.028 min
Response: 1513221
Conc: 18.10 ug/ml m