

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032321AL\
 Data File : FC052683.D
 Signal(s) : FID1A.CH
 Acq On : 24 Mar 2021 14:06
 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

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 3/24/2021 3:59:01 PM

Integration File: autoint1.e
 Quant Time: Mar 24 14:33:07 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 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)	11.570	2364733	17.642 ug/ml
Spiked Amount 50.000		Recovery =	35.28%
12) S 1-chlorooctadecane (S...	13.008	1832831	16.993 ug/ml
Spiked Amount 50.000		Recovery =	33.99%
Target Compounds			
1) T n-Nonane (C9)	3.326	2306468	19.858 ug/ml
2) T n-Decane (C10)	4.393	2337455	19.947 ug/ml
3) T A~Naphthalene (C11.7)	5.980	2579864	19.705 ug/ml
4) T n-Dodecane (C12)	6.414	2389332	19.900 ug/ml
5) T A~2-methylnaphthalene...	7.039	2631014	19.655 ug/ml
6) T n-Tetradecane (C14)	8.210	2377269	19.656 ug/ml
7) T n-Hexadecane (C16)	9.812	2290586	19.045 ug/ml
8) T n-Octadecane (C18)	11.254	2305751	18.275 ug/ml
10) T n-Eicosane (C20)	12.562	2218078	17.370 ug/ml
11) T n-Heneicosane (C21)	13.175	2163686	17.023 ug/ml
13) T n-Docosane (C22)	13.761	2100356	16.580 ug/ml
14) T n-Tetracosane (C24)	14.864	1991205	15.940 ug/ml
15) T n-Hexacosane (C26)	15.885	1873243	15.557 ug/ml
16) T n-Octacosane (C28)	16.834	1802967	15.638 ug/ml
17) T n-Tricontane (C30)	17.721	1787137	16.403 ug/ml
18) T n-Dotriacontane (C32)	18.552	1759406	17.535 ug/ml
19) T n-Tetratriacontane (C34)	19.336	1742894	18.961 ug/ml
20) T n-Hexatriacontane (C36)	20.076	1772146	19.434 ug/ml
21) T n-Octatriacontane (C38)	20.810	1899207	23.270 ug/mlm
22) T n-Tetracontane (C40)	21.715	1595513	18.522 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

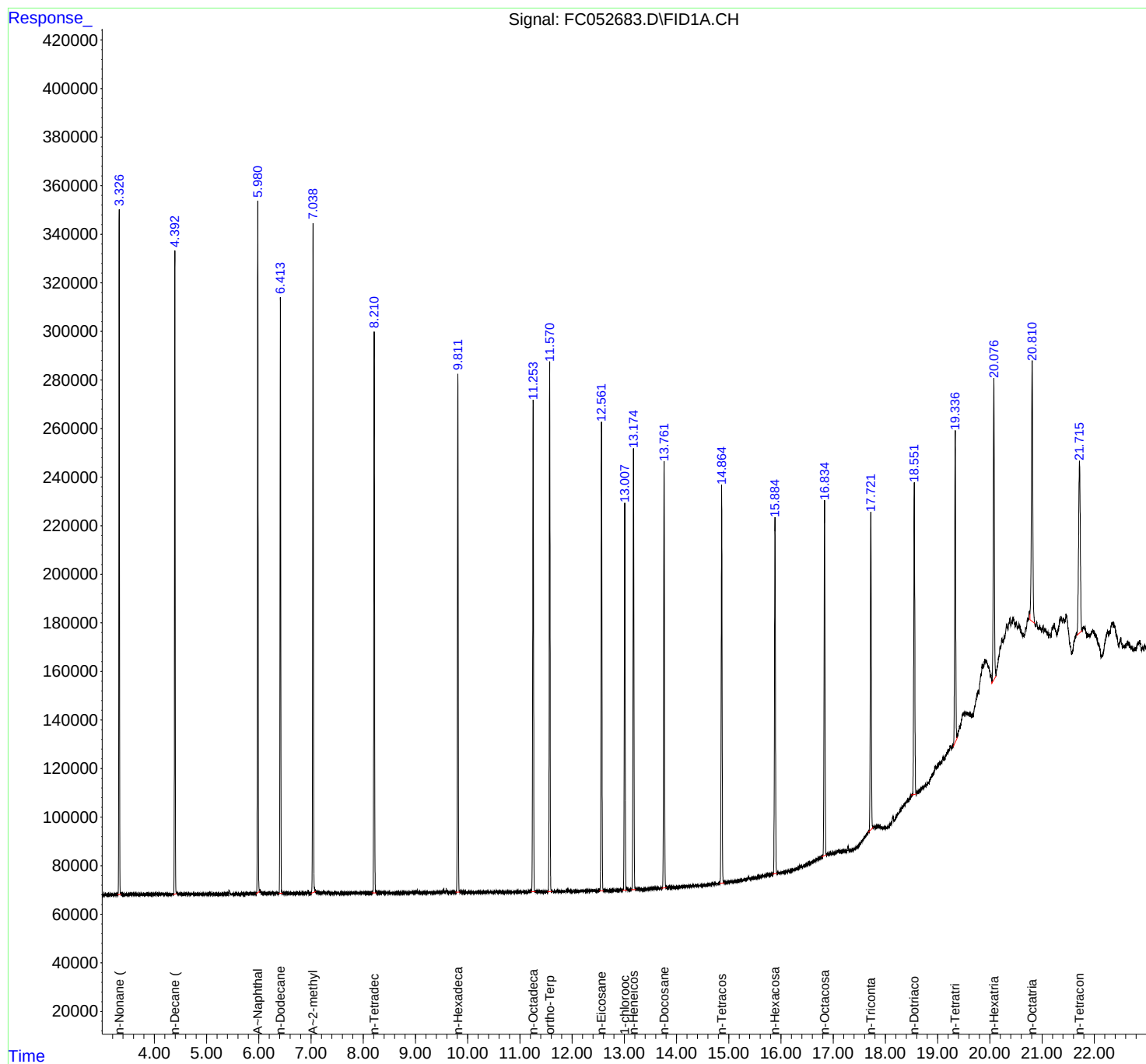
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

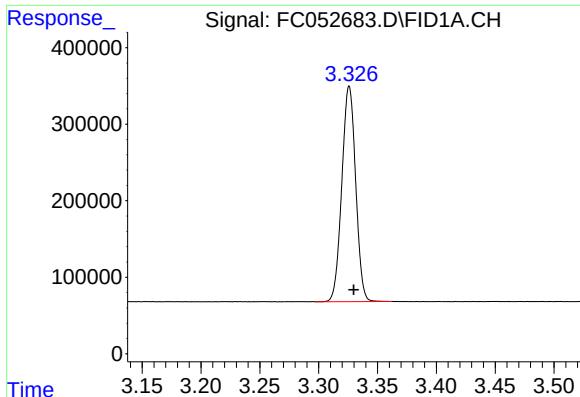
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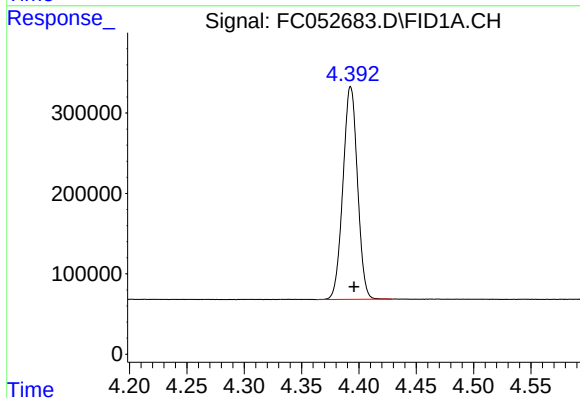
#1 n-Nonane (C9)

R.T.: 3.326 min
Delta R.T.: -0.004 min
Response: 2306468
Conc: 19.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

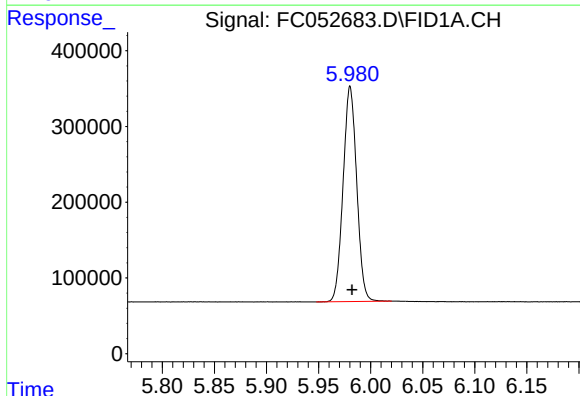
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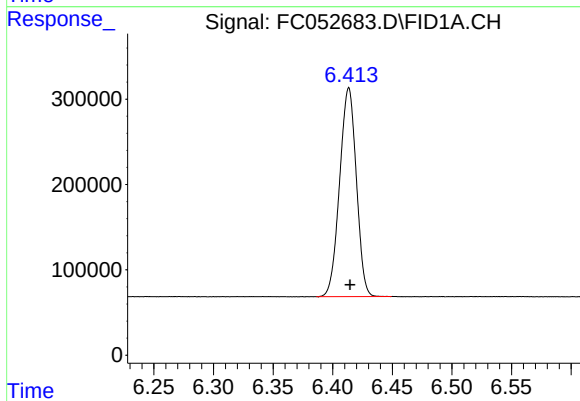
#2 n-Decane (C10)

R.T.: 4.393 min
Delta R.T.: -0.003 min
Response: 2337455
Conc: 19.95 ug/ml



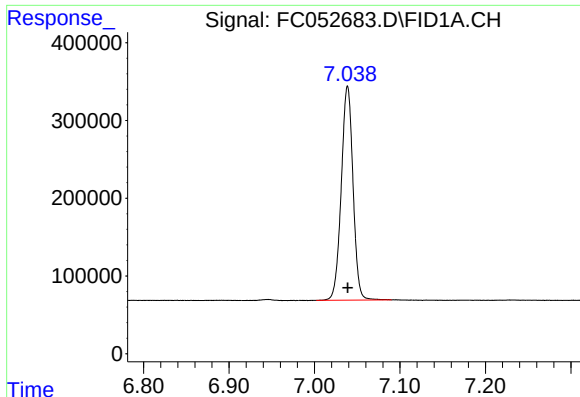
#3 A~Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.002 min
Response: 2579864
Conc: 19.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.414 min
Delta R.T.: -0.001 min
Response: 2389332
Conc: 19.90 ug/ml



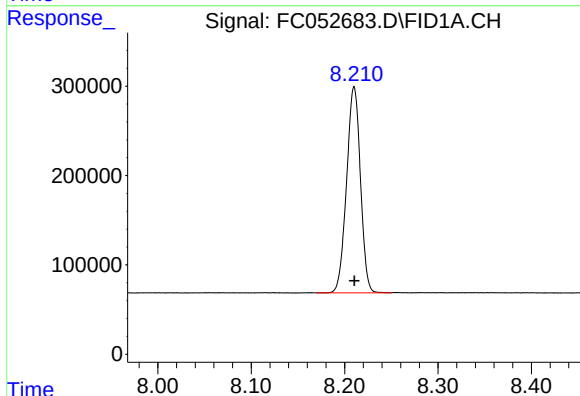
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 2631014
Conc: 19.66 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

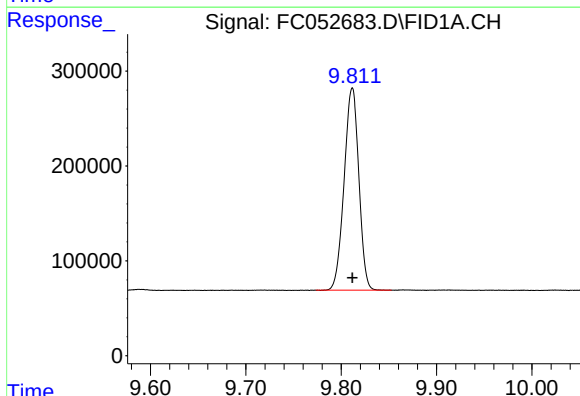
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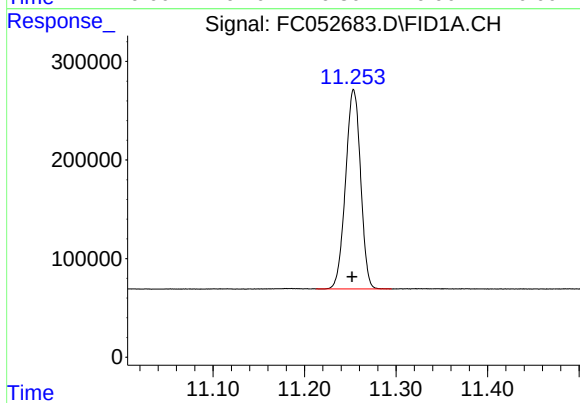
#6 n-Tetradecane (C14)

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 2377269
Conc: 19.66 ug/ml



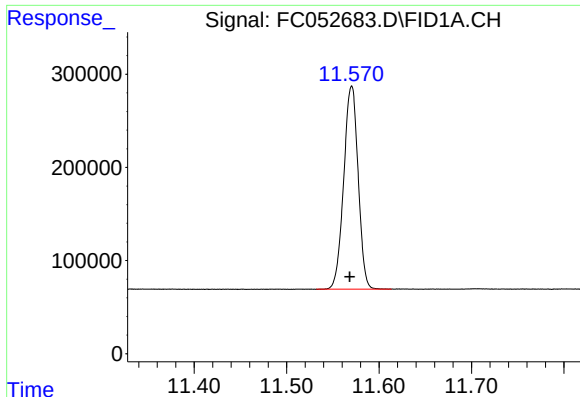
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: 0.000 min
Response: 2290586
Conc: 19.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.254 min
Delta R.T.: 0.002 min
Response: 2305751
Conc: 18.27 ug/ml



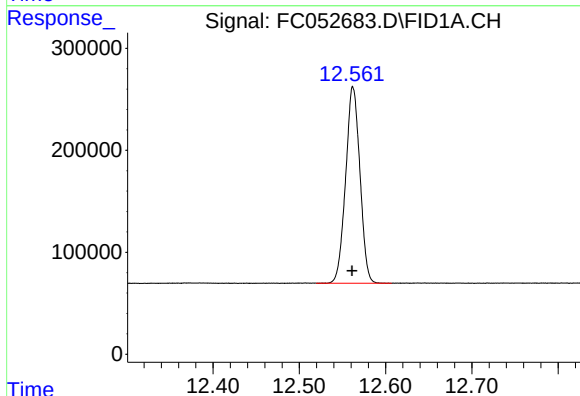
#9 ortho-Terphenyl (SURR)

R.T.: 11.570 min
Delta R.T.: 0.002 min
Response: 2364733
Conc: 17.64 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

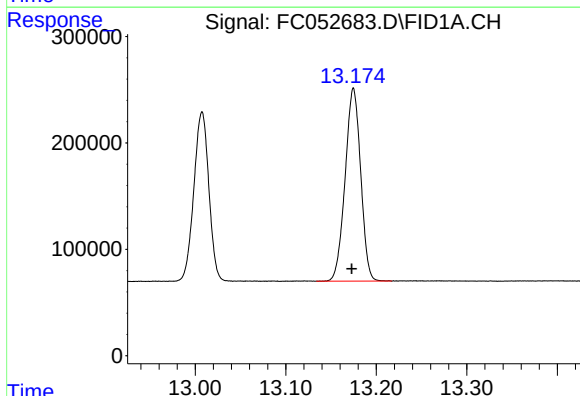
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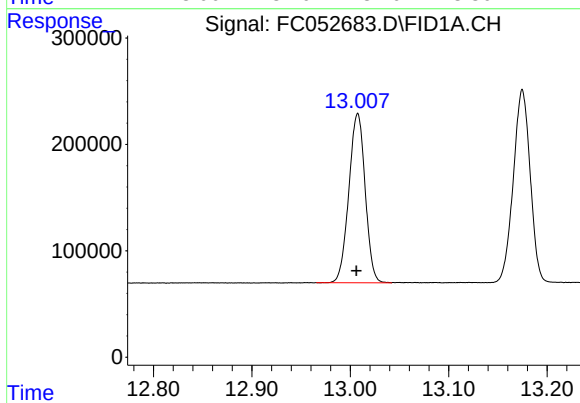
#10 n-Eicosane (C20)

R.T.: 12.562 min
Delta R.T.: 0.001 min
Response: 2218078
Conc: 17.37 ug/ml



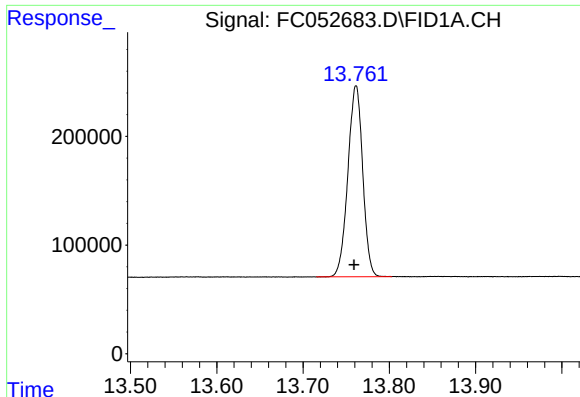
#11 n-Heneicosane (C21)

R.T.: 13.175 min
Delta R.T.: 0.002 min
Response: 2163686
Conc: 17.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.008 min
Delta R.T.: 0.002 min
Response: 1832831
Conc: 16.99 ug/ml



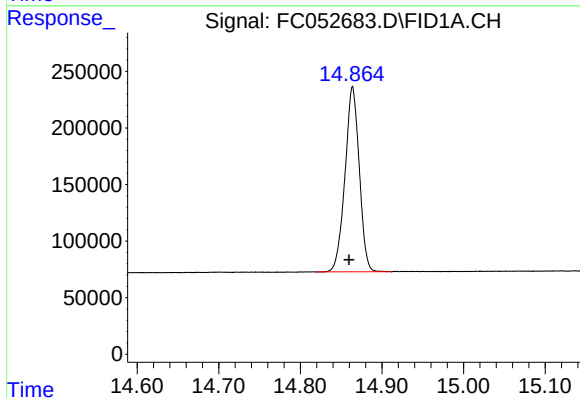
#13 n-Docosane (C22)

R.T.: 13.761 min
Delta R.T.: 0.002 min
Response: 2100356
Conc: 16.58 ug/ml

Instrument :
FID_C
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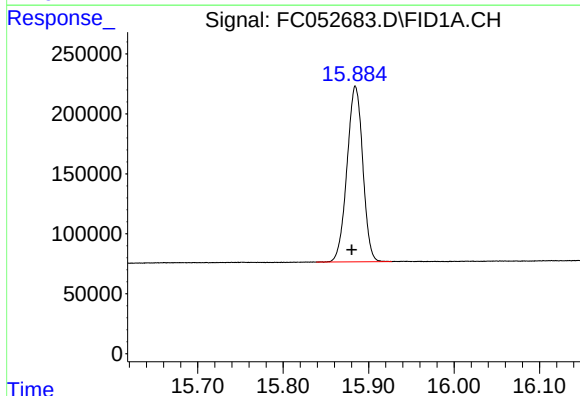
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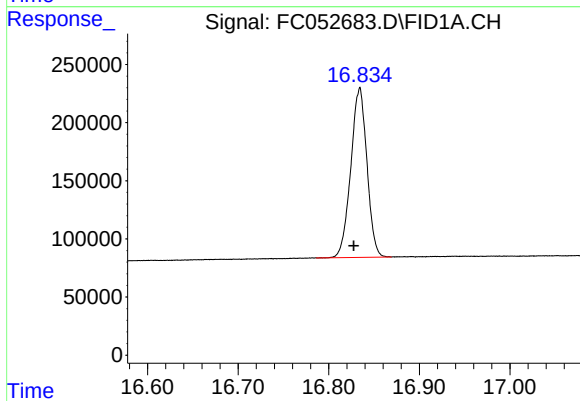
#14 n-Tetracosane (C24)

R.T.: 14.864 min
Delta R.T.: 0.004 min
Response: 1991205
Conc: 15.94 ug/ml



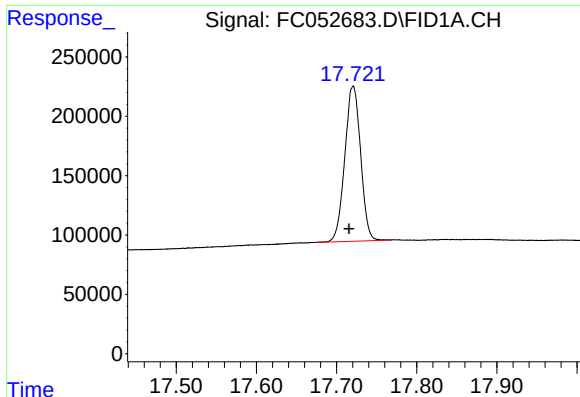
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: 0.004 min
Response: 1873243
Conc: 15.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.834 min
Delta R.T.: 0.006 min
Response: 1802967
Conc: 15.64 ug/ml



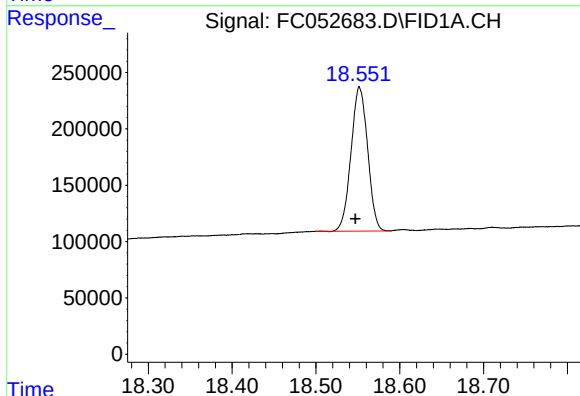
#17 n-Tricontane (C30)

R.T.: 17.721 min
Delta R.T.: 0.005 min
Response: 1787137
Conc: 16.40 ug/ml

Instrument :
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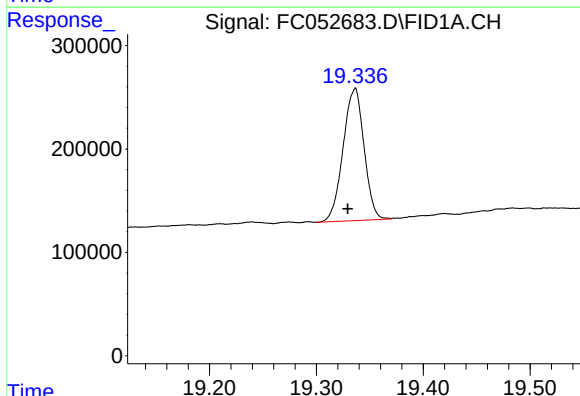
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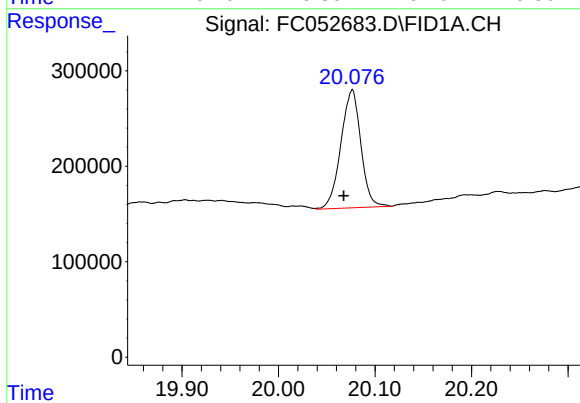
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: 0.005 min
Response: 1759406
Conc: 17.53 ug/ml



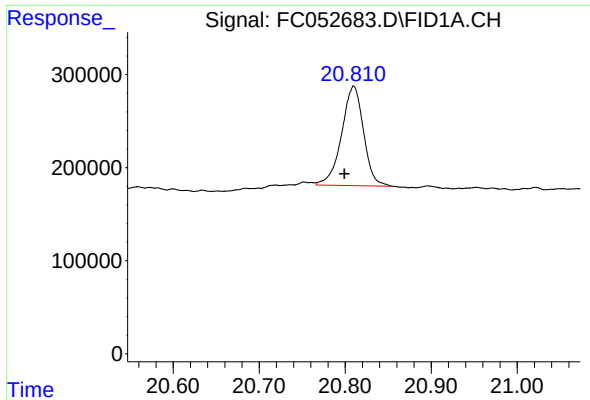
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: 0.007 min
Response: 1742894
Conc: 18.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.076 min
Delta R.T.: 0.009 min
Response: 1772146
Conc: 19.43 ug/ml



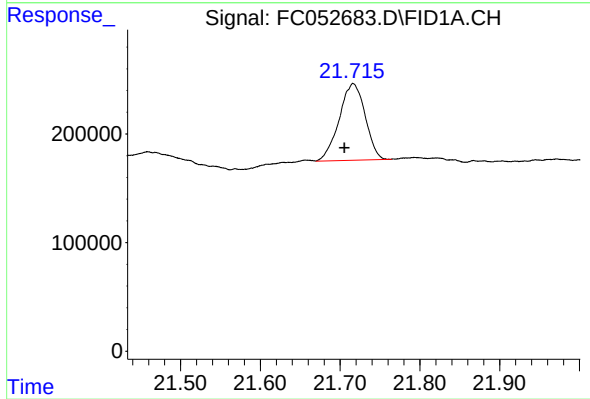
#21 n-Octatriacontane (C38)

R.T.: 20.810 min
Delta R.T.: 0.011 min
Response: 1899207
Conc: 23.27 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.715 min
Delta R.T.: 0.010 min
Response: 1595513
Conc: 18.52 ug/ml m