

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091321AL\
 Data File : FC055594.D
 Signal(s) : FID1A.CH
 Acq On : 13 Sep 2021 15:08
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 13 15:49:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.650	2255267	18.053 ug/ml
Spiked Amount 50.000		Recovery =	36.11%
12) S 1-chlorooctadecane (S...	13.082	1730590	17.487 ug/ml
Spiked Amount 50.000		Recovery =	34.97%
Target Compounds			
1) T n-Nonane (C9)	3.397	2226843	20.601 ug/ml
2) T n-Decane (C10)	4.466	2255375	20.684 ug/ml
3) T A~Naphthalene (C11.7)	6.057	2510288	20.372 ug/ml
4) T n-Dodecane (C12)	6.487	2251774	20.565 ug/ml
5) T A~2-methylnaphthalene...	7.115	2506648	20.142 ug/ml
6) T n-Tetradecane (C14)	8.283	2260860	20.299 ug/ml
7) T n-Hexadecane (C16)	9.885	2230348	19.735 ug/ml
8) T n-Octadecane (C18)	11.328	2213857	19.015 ug/ml
10) T n-Eicosane (C20)	12.637	2105982	18.023 ug/ml
11) T n-Heneicosane (C21)	13.249	2079431	17.668 ug/ml
13) T n-Docosane (C22)	13.835	2009964	17.231 ug/ml
14) T n-Tetracosane (C24)	14.937	1911245	16.411 ug/ml
15) T n-Hexacosane (C26)	15.958	1787285	15.777 ug/ml
16) T n-Octacosane (C28)	16.906	1717318	15.520 ug/ml
17) T n-Tricontane (C30)	17.791	1669846	15.704 ug/mlm
18) T n-Dotriacontane (C32)	18.624	1627982	16.244 ug/ml
19) T n-Tetratriacontane (C34)	19.406	1604734	17.003 ug/mlm
20) T n-Hexatriacontane (C36)	20.144	1558872	17.954 ug/mlm
21) T n-Octatriacontane (C38)	20.888	1574298	19.314 ug/ml
22) T n-Tetracontane (C40)	21.820	1504798	18.736 ug/ml

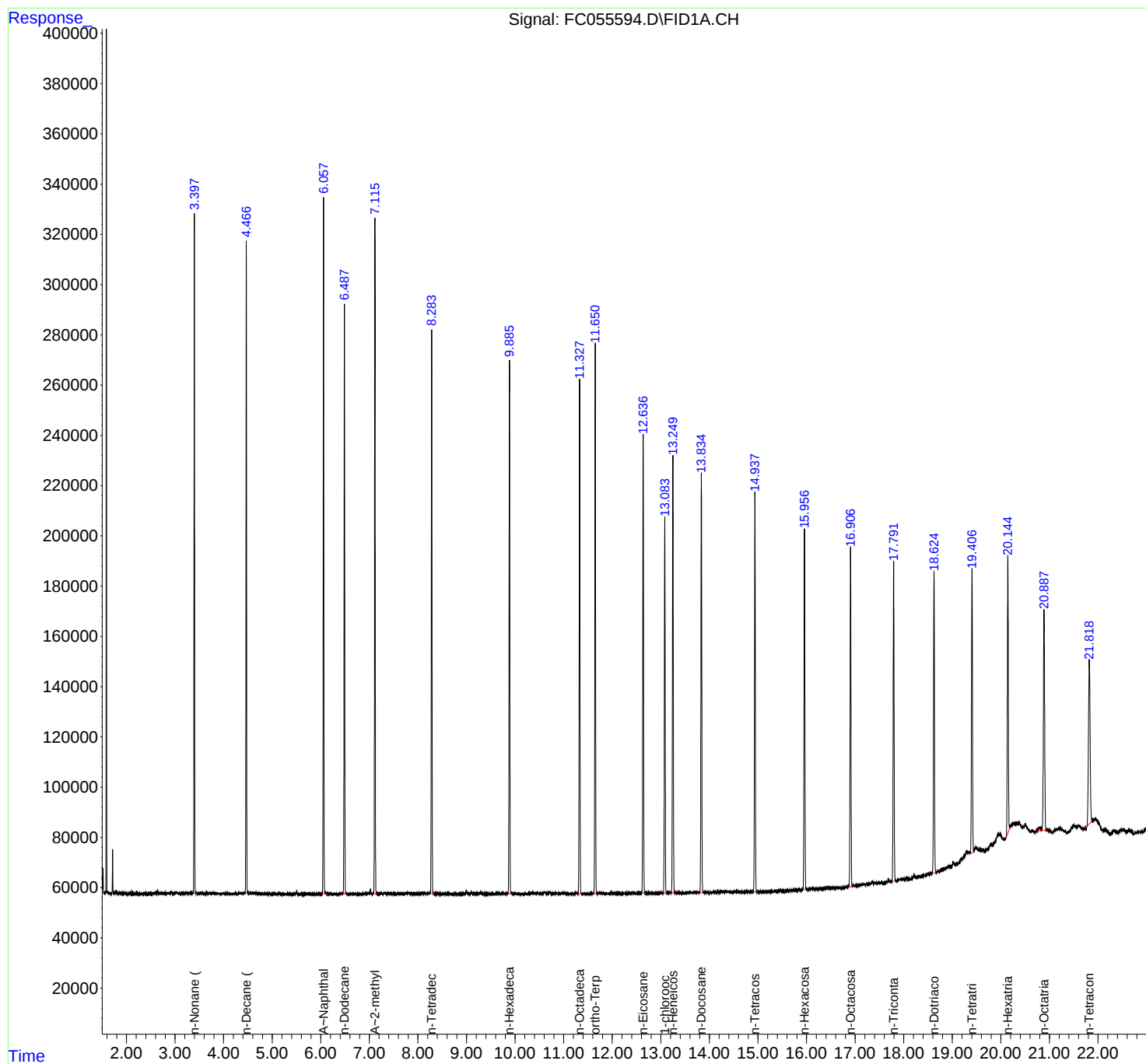
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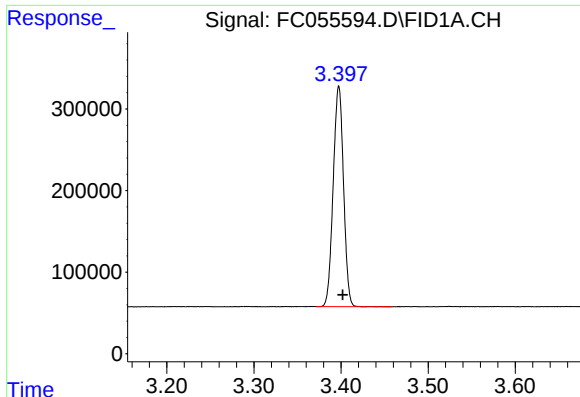
(m)=manual int.

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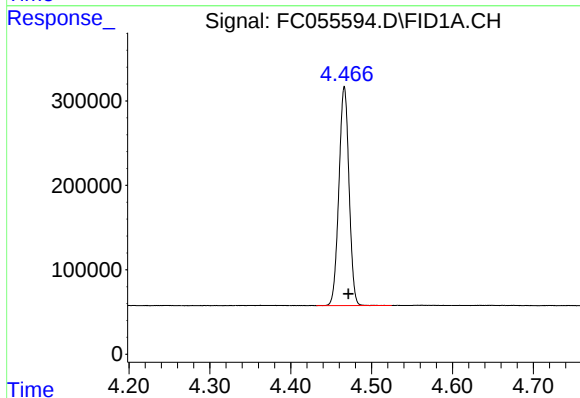
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Signal Info : 20M x 0.18mm x 0.18um





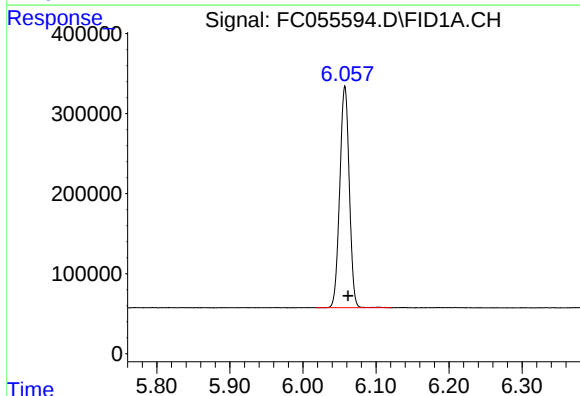
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: -0.005 min
Response: 2226843
Conc: 20.60 ug/ml



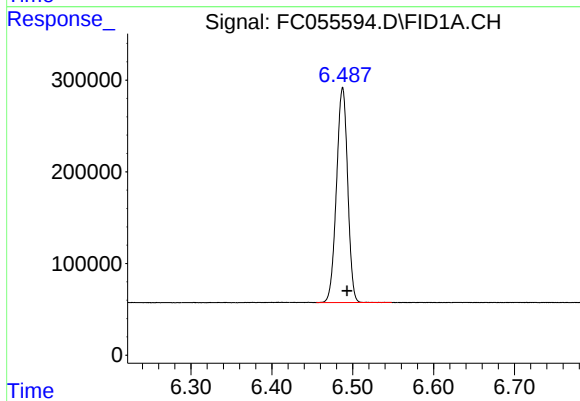
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 2255375
Conc: 20.68 ug/ml



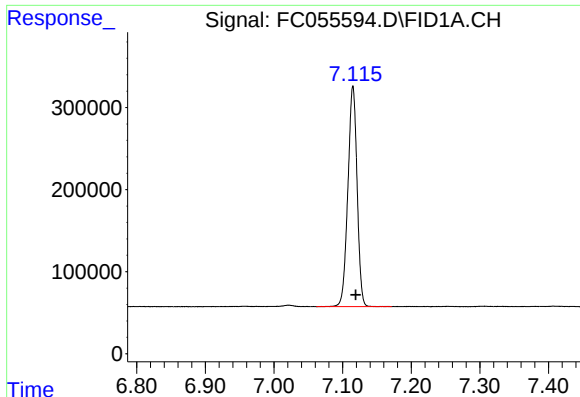
#3 A~Naphthalene (C11.7)

R.T.: 6.057 min
Delta R.T.: -0.005 min
Response: 2510288
Conc: 20.37 ug/ml



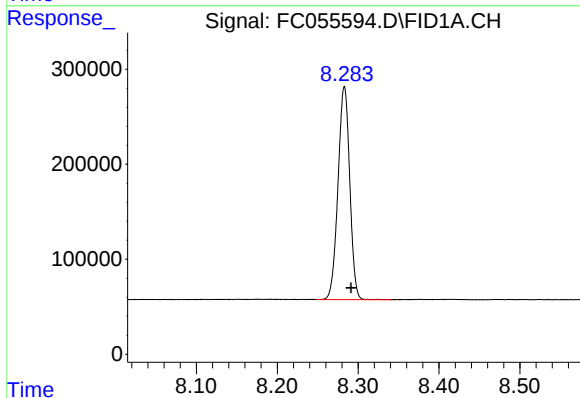
#4 n-Dodecane (C12)

R.T.: 6.487 min
Delta R.T.: -0.006 min
Response: 2251774
Conc: 20.57 ug/ml



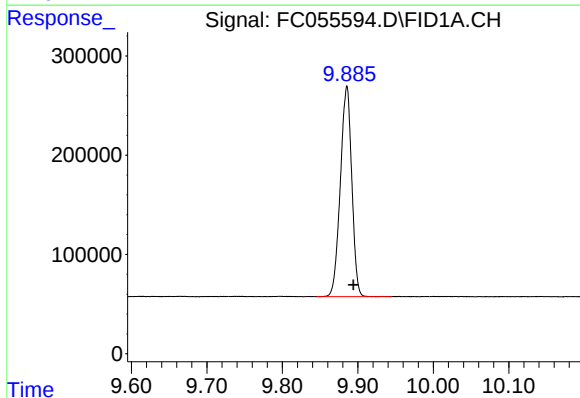
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.115 min
Delta R.T.: -0.004 min
Response: 2506648
Conc: 20.14 ug/ml



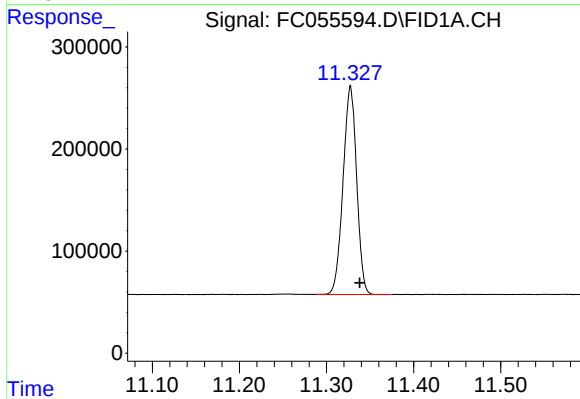
#6 n-Tetradecane (C14)

R.T.: 8.283 min
Delta R.T.: -0.008 min
Response: 2260860
Conc: 20.30 ug/ml



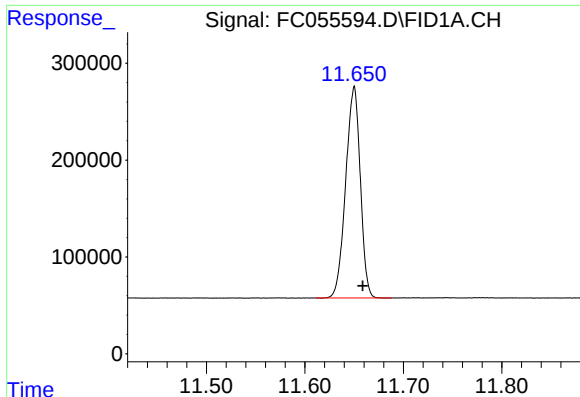
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: -0.009 min
Response: 2230348
Conc: 19.73 ug/ml



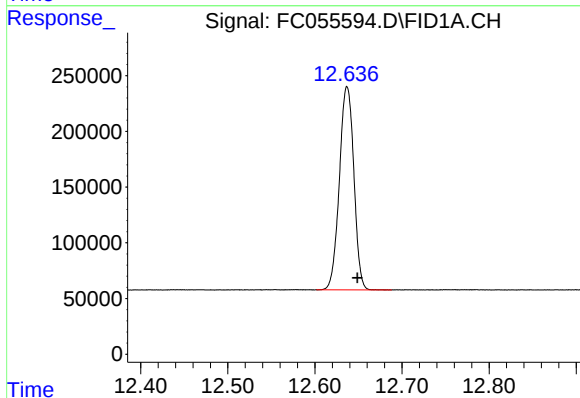
#8 n-Octadecane (C18)

R.T.: 11.328 min
Delta R.T.: -0.011 min
Response: 2213857
Conc: 19.01 ug/ml



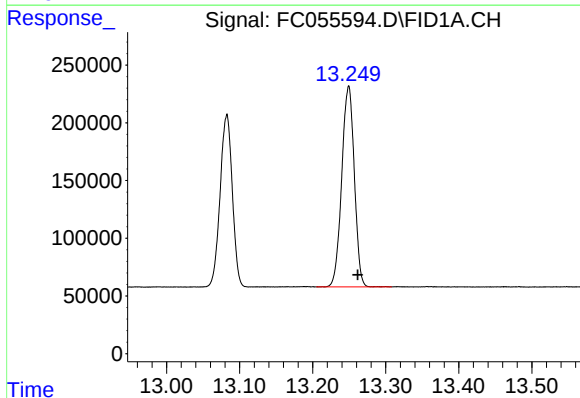
#9 ortho-Terphenyl (SURR)

R.T.: 11.650 min
Delta R.T.: -0.009 min
Response: 2255267
Conc: 18.05 ug/ml



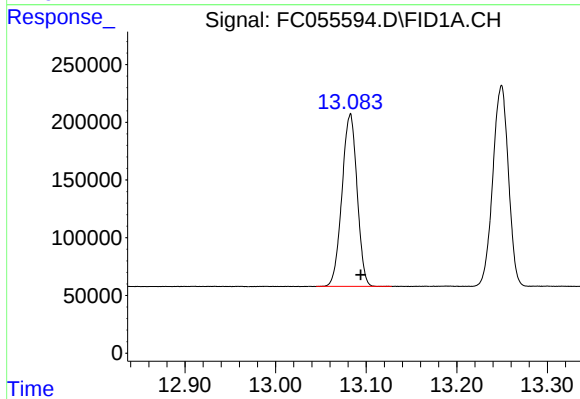
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: -0.012 min
Response: 2105982
Conc: 18.02 ug/ml



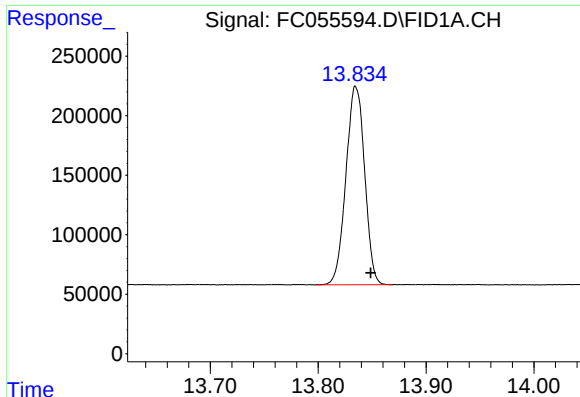
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: -0.013 min
Response: 2079431
Conc: 17.67 ug/ml



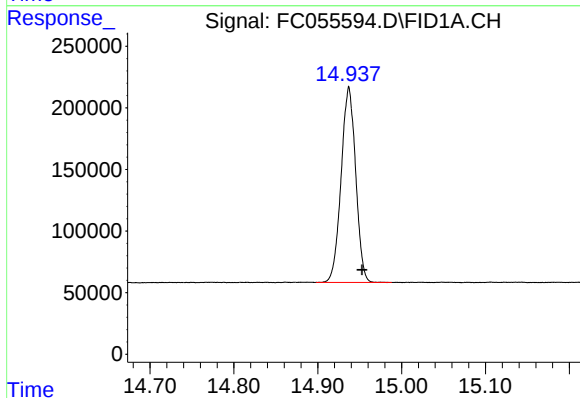
#12 1-chlorooctadecane (SURR)

R.T.: 13.082 min
Delta R.T.: -0.012 min
Response: 1730590
Conc: 17.49 ug/ml



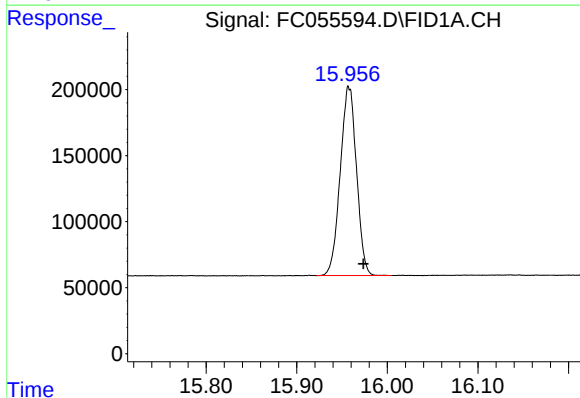
#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: -0.014 min
Response: 2009964
Conc: 17.23 ug/ml



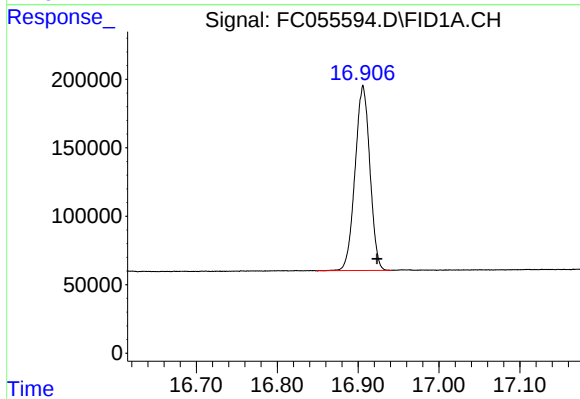
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.016 min
Response: 1911245
Conc: 16.41 ug/ml



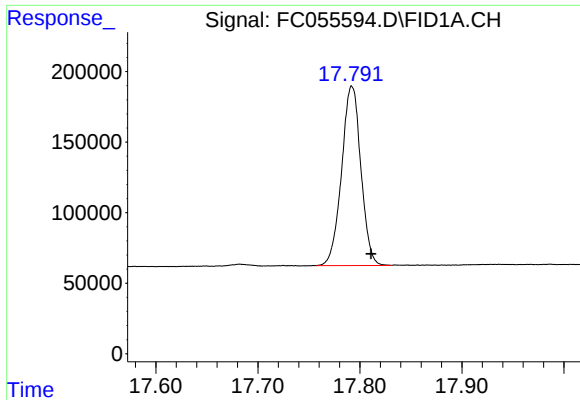
#15 n-Hexacosane (C26)

R.T.: 15.958 min
Delta R.T.: -0.016 min
Response: 1787285
Conc: 15.78 ug/ml



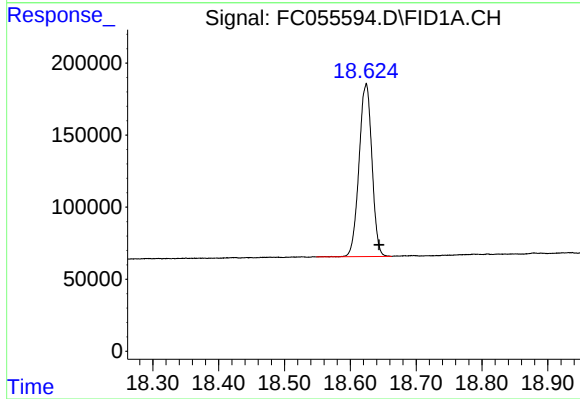
#16 n-Octacosane (C28)

R.T.: 16.906 min
Delta R.T.: -0.018 min
Response: 1717318
Conc: 15.52 ug/ml



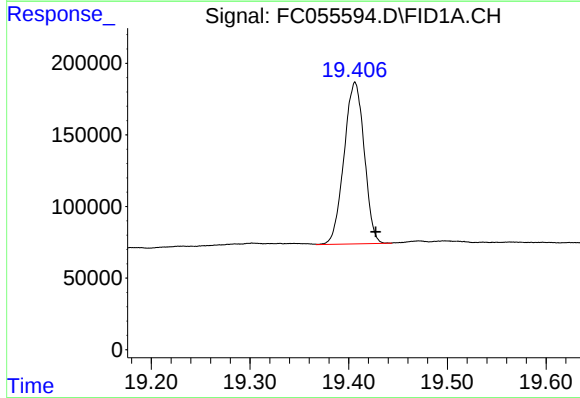
#17 n-Tricontane (C30)

R.T.: 17.791 min
Delta R.T.: -0.019 min
Response: 1669846
Conc: 15.70 ug/ml m



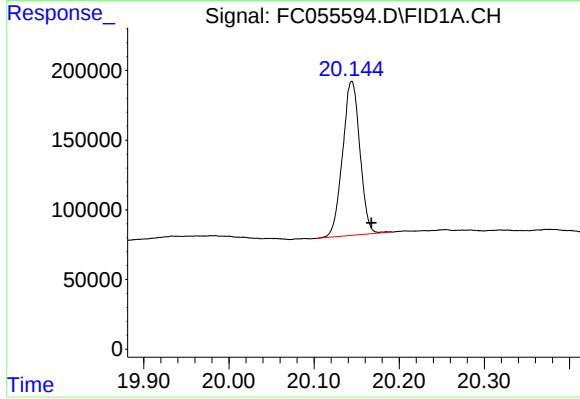
#18 n-Dotriacontane (C32)

R.T.: 18.624 min
Delta R.T.: -0.020 min
Response: 1627982
Conc: 16.24 ug/ml



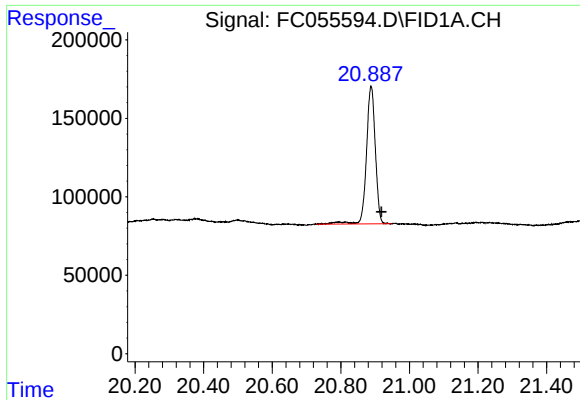
#19 n-Tetratriacontane (C34)

R.T.: 19.406 min
Delta R.T.: -0.021 min
Response: 1604734
Conc: 17.00 ug/ml m



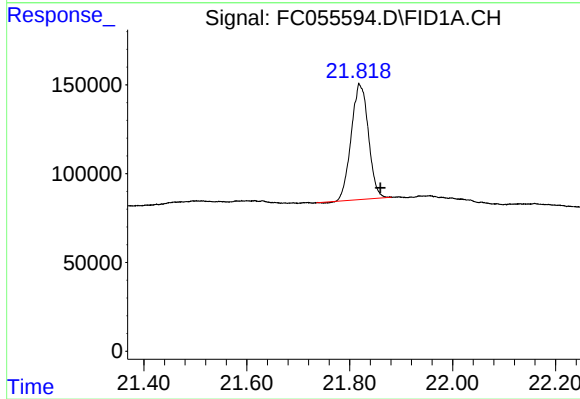
#20 n-Hexatriacontane (C36)

R.T.: 20.144 min
Delta R.T.: -0.023 min
Response: 1558872
Conc: 17.95 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.888 min
Delta R.T.: -0.030 min
Response: 1574298
Conc: 19.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.820 min
Delta R.T.: -0.040 min
Response: 1504798
Conc: 18.74 ug/ml