

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073119AL\
 Data File : FC042661.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jul 2019 14:37
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 01 03:34:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070919.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 08:56:11 2019
 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)	11.686	2626008	19.841 ug/ml
Spiked Amount 50.000		Recovery =	39.68%
12) S 1-chlorooctadecane (S...	13.108	2151404	19.625 ug/ml
Spiked Amount 50.000		Recovery =	39.25%
Target Compounds			
1) T n-Nonane (C9)	3.491	2481932	21.317 ug/ml
2) T n-Decane (C10)	4.553	2546764	21.586 ug/ml
3) T A~Naphthalene (C11.7)	6.139	2771562	21.350 ug/ml
4) T n-Dodecane (C12)	6.556	2569155	21.652 ug/ml
5) T A~2-methylnaphthalene...	7.188	2772519	21.337 ug/ml
6) T n-Tetradecane (C14)	8.338	2567626	21.581 ug/ml
7) T n-Hexadecane (C16)	9.928	2560164	21.322 ug/ml
8) T n-Octadecane (C18)	11.362	2543026	20.838 ug/ml
10) T n-Eicosane (C20)	12.663	2525515	20.250 ug/ml
11) T n-Heneicosane (C21)	13.272	2486182	19.861 ug/ml
13) T n-Docosane (C22)	13.856	2447245	19.512 ug/ml
14) T n-Tetracosane (C24)	14.954	2381899	18.803 ug/ml
15) T n-Hexacosane (C26)	15.970	2316835	18.323 ug/ml
16) T n-Octacosane (C28)	16.915	2265905	17.956 ug/ml
17) T n-Tricontane (C30)	17.799	2188548	17.852 ug/ml
18) T n-Dotriacontane (C32)	18.628	2020398	18.083 ug/ml
19) T n-Tetratriacontane (C34)	19.408	1724733	18.624 ug/ml
20) T n-Hexatriacontane (C36)	20.145	1545970	19.398 ug/ml
21) T n-Octatriacontane (C38)	20.891	1462771	20.403 ug/ml
22) T n-Tetracontane (C40)	21.820	1453771	20.950 ug/ml

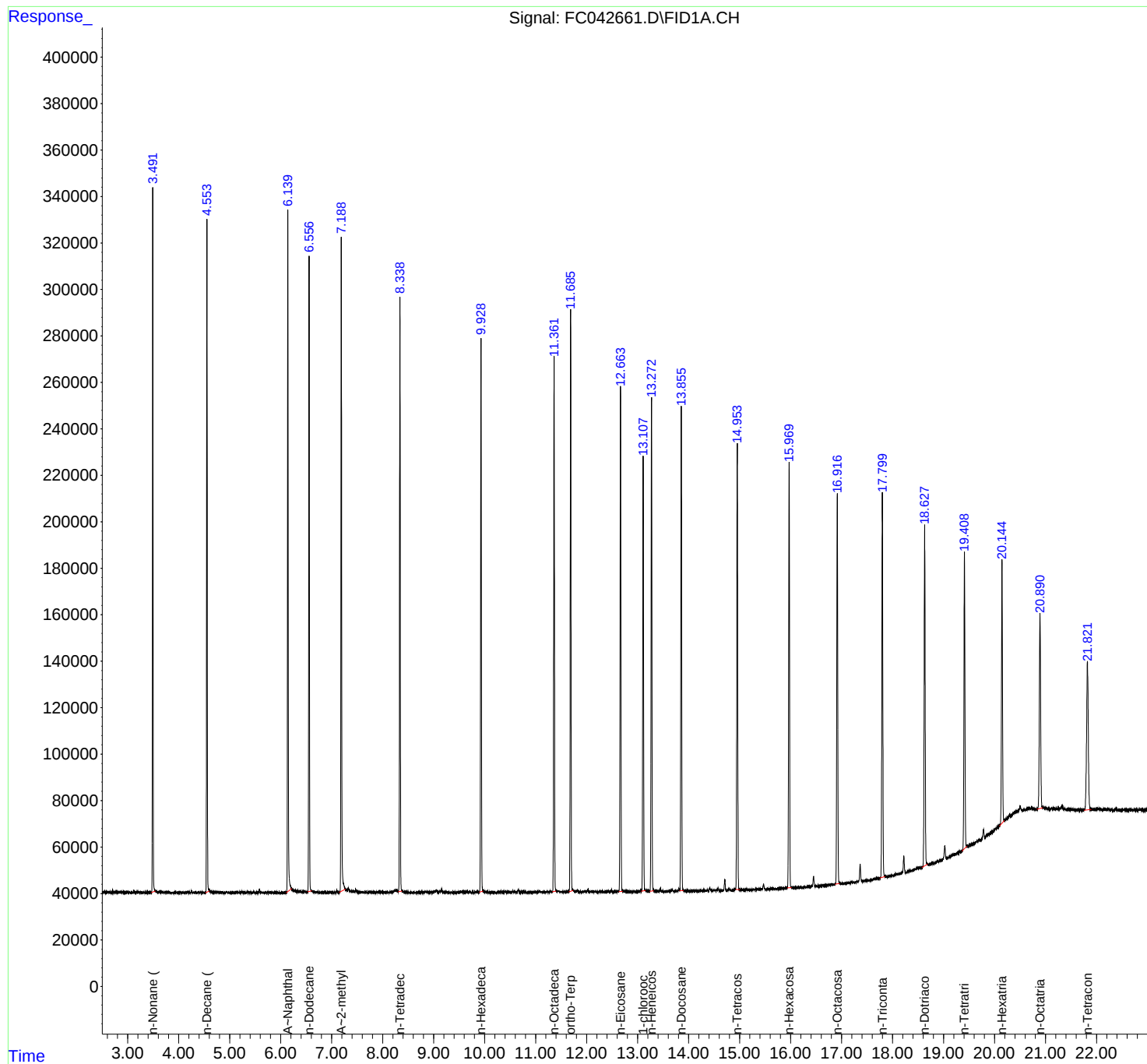
(f)=RT Delta > 1/2 Window

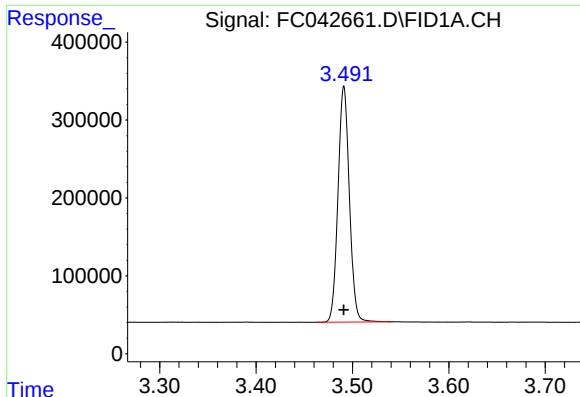
(m)=manual int.

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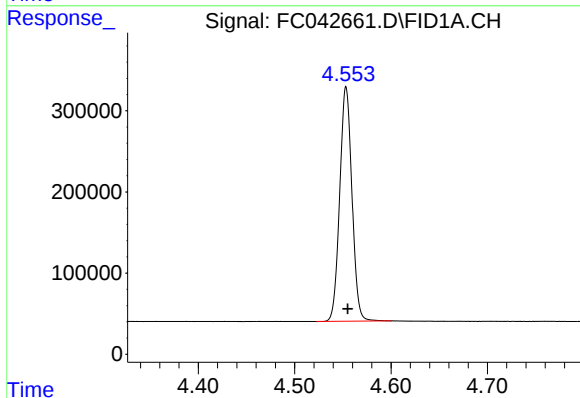
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Signal Info : 20M x 0.18mm x 0.18um





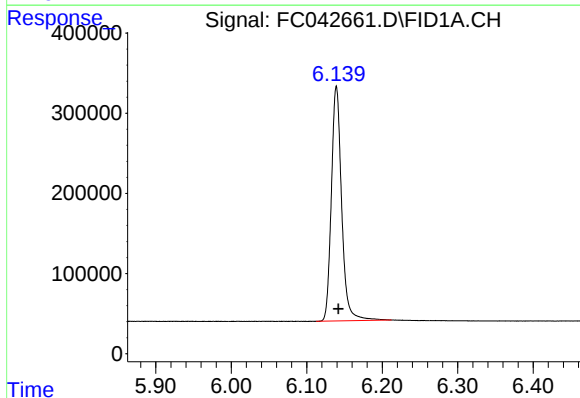
#1 n-Nonane (C9)

R.T.: 3.491 min
Delta R.T.: 0.000 min
Response: 2481932
Conc: 21.32 ug/ml



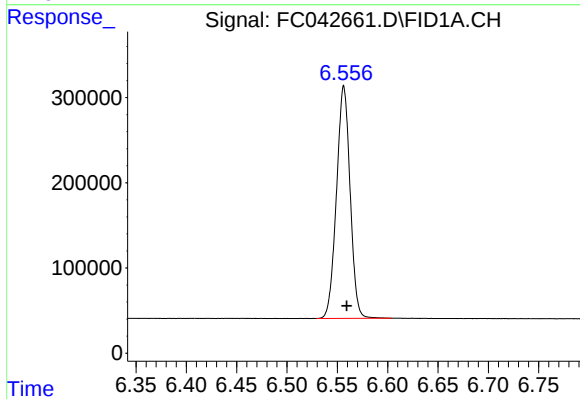
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: -0.002 min
Response: 2546764
Conc: 21.59 ug/ml



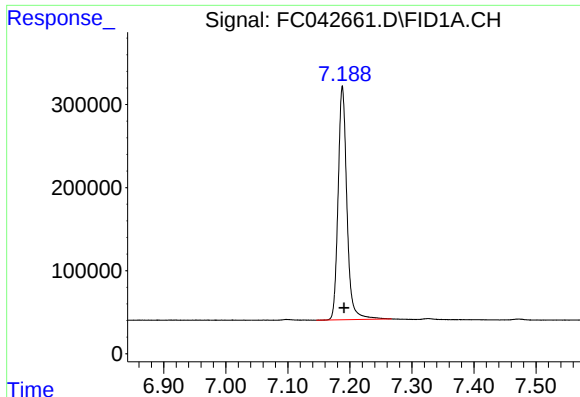
#3 A~Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: -0.002 min
Response: 2771562
Conc: 21.35 ug/ml



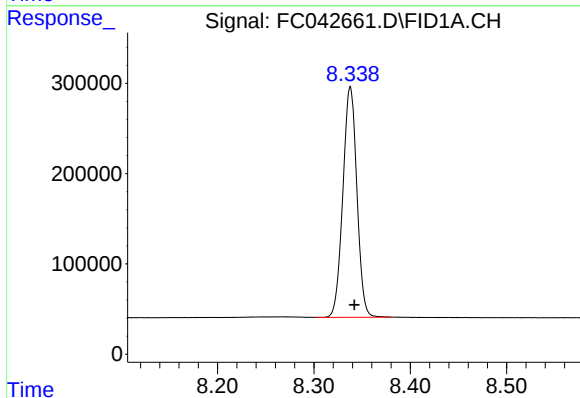
#4 n-Dodecane (C12)

R.T.: 6.556 min
Delta R.T.: -0.003 min
Response: 2569155
Conc: 21.65 ug/ml



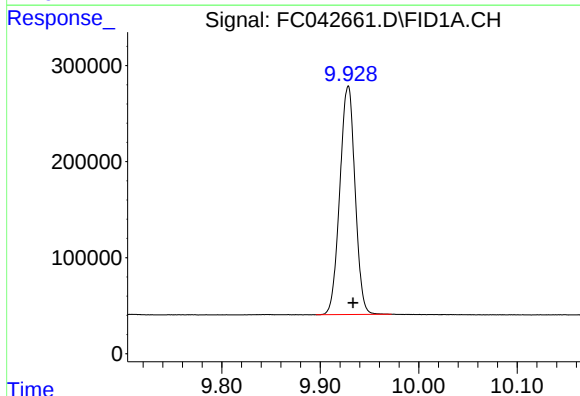
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.188 min
Delta R.T.: -0.003 min
Response: 2772519
Conc: 21.34 ug/ml



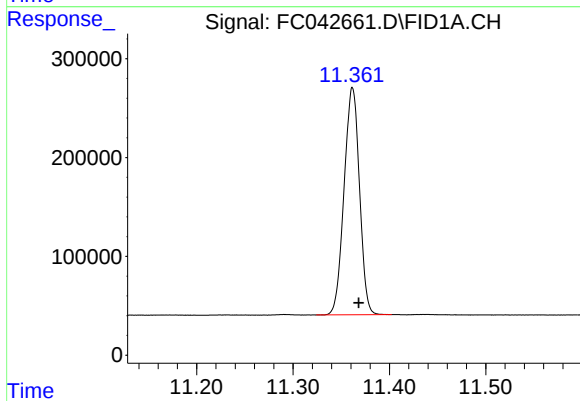
#6 n-Tetradecane (C14)

R.T.: 8.338 min
Delta R.T.: -0.004 min
Response: 2567626
Conc: 21.58 ug/ml



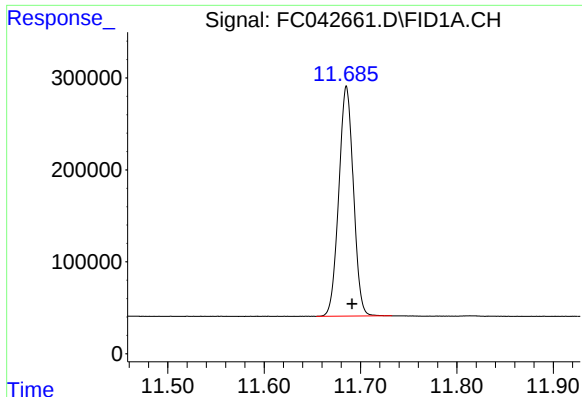
#7 n-Hexadecane (C16)

R.T.: 9.928 min
Delta R.T.: -0.005 min
Response: 2560164
Conc: 21.32 ug/ml



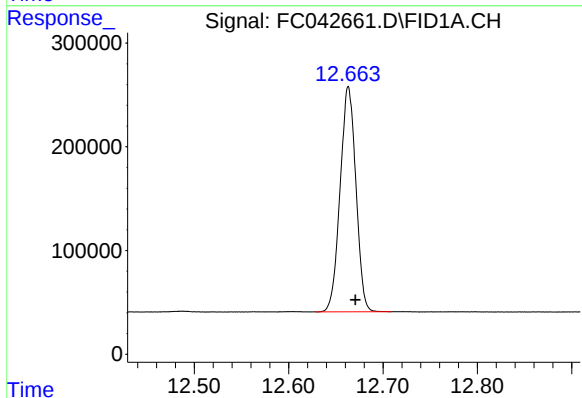
#8 n-Octadecane (C18)

R.T.: 11.362 min
Delta R.T.: -0.007 min
Response: 2543026
Conc: 20.84 ug/ml



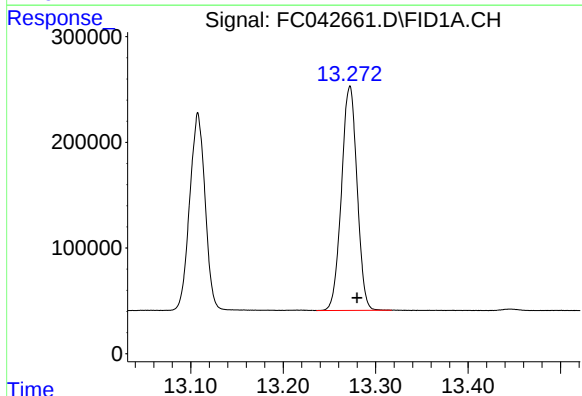
#9 ortho-Terphenyl (SURR)

R.T.: 11.686 min
Delta R.T.: -0.006 min
Response: 2626008
Conc: 19.84 ug/ml



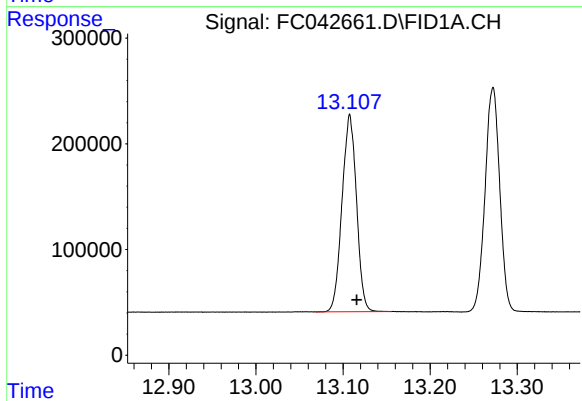
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: -0.007 min
Response: 2525515
Conc: 20.25 ug/ml



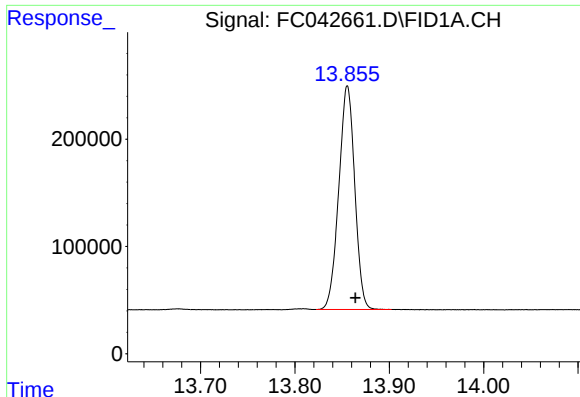
#11 n-Heneicosane (C21)

R.T.: 13.272 min
Delta R.T.: -0.008 min
Response: 2486182
Conc: 19.86 ug/ml



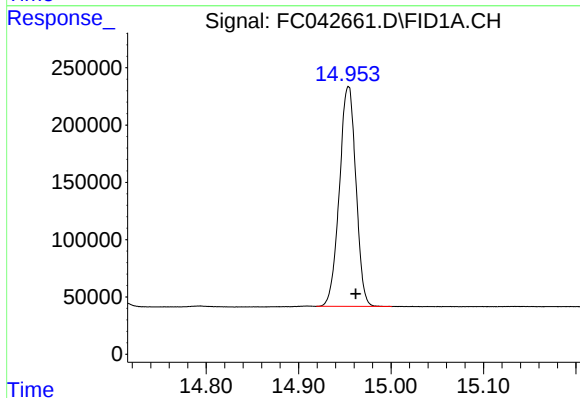
#12 1-chlorooctadecane (SURR)

R.T.: 13.108 min
Delta R.T.: -0.008 min
Response: 2151404
Conc: 19.62 ug/ml



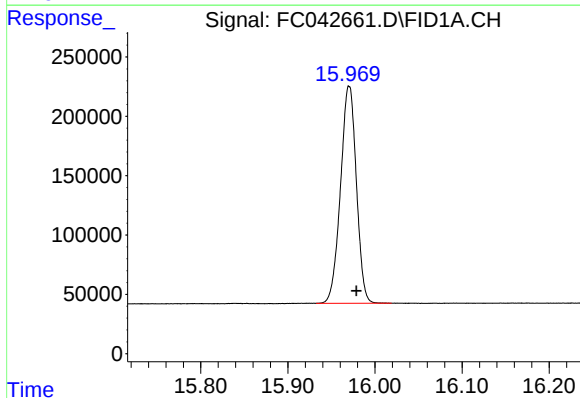
#13 n-Docosane (C22)

R.T.: 13.856 min
Delta R.T.: -0.009 min
Response: 2447245
Conc: 19.51 ug/ml



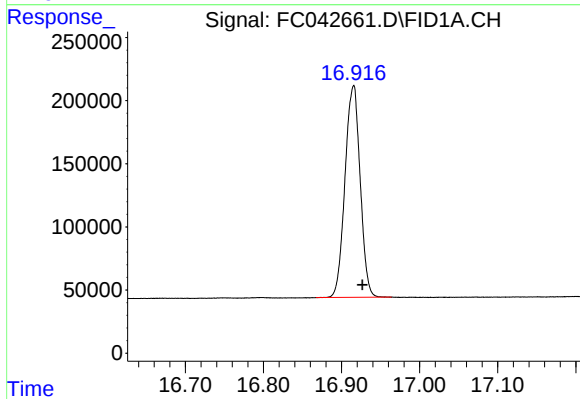
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: -0.008 min
Response: 2381899
Conc: 18.80 ug/ml



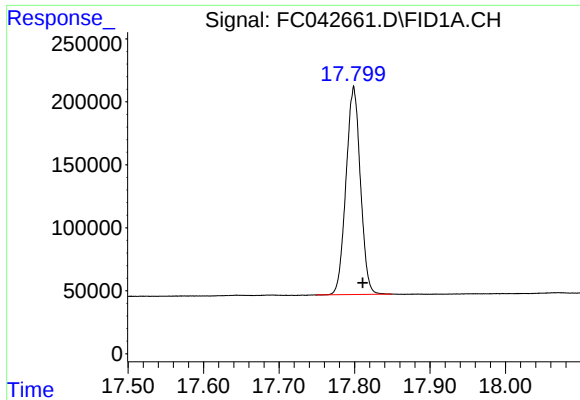
#15 n-Hexacosane (C26)

R.T.: 15.970 min
Delta R.T.: -0.008 min
Response: 2316835
Conc: 18.32 ug/ml



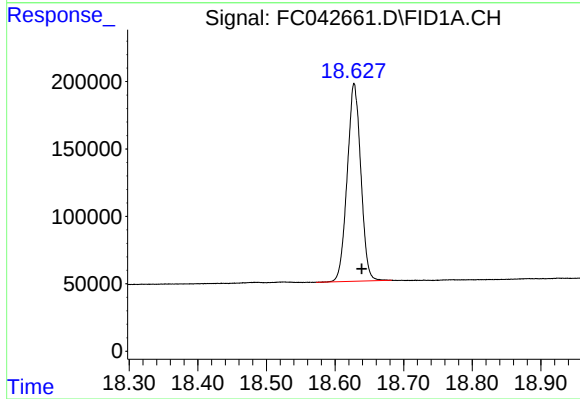
#16 n-Octacosane (C28)

R.T.: 16.915 min
Delta R.T.: -0.011 min
Response: 2265905
Conc: 17.96 ug/ml



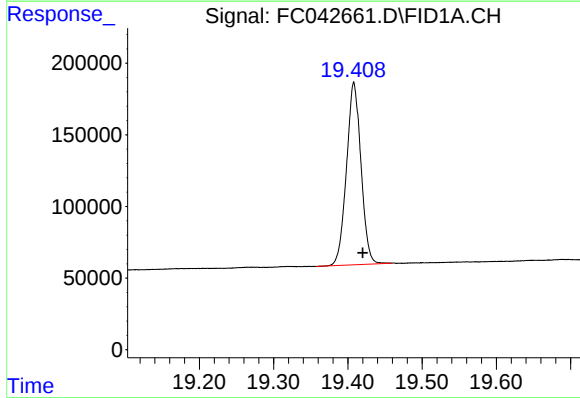
#17 n-Tricontane (C30)

R.T.: 17.799 min
Delta R.T.: -0.012 min
Response: 2188548
Conc: 17.85 ug/ml



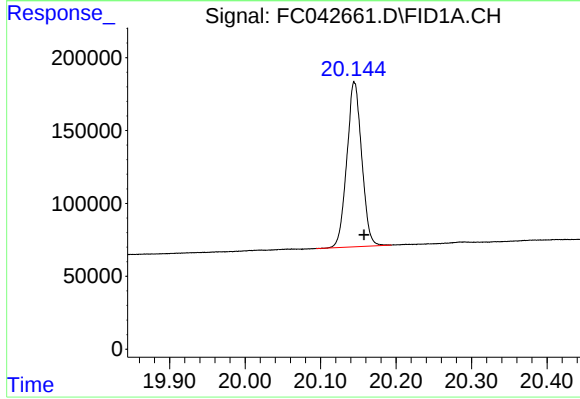
#18 n-Dotriacontane (C32)

R.T.: 18.628 min
Delta R.T.: -0.011 min
Response: 2020398
Conc: 18.08 ug/ml



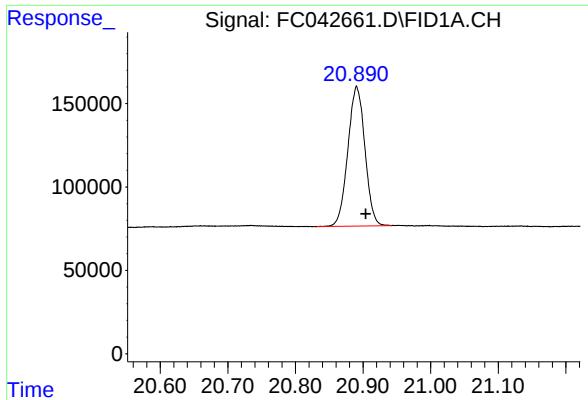
#19 n-Tetratriacontane (C34)

R.T.: 19.408 min
Delta R.T.: -0.012 min
Response: 1724733
Conc: 18.62 ug/ml



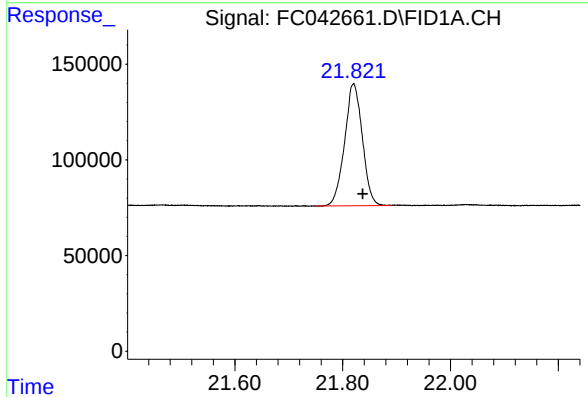
#20 n-Hexatriacontane (C36)

R.T.: 20.145 min
Delta R.T.: -0.013 min
Response: 1545970
Conc: 19.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.891 min
Delta R.T.: -0.014 min
Response: 1462771
Conc: 20.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.820 min
Delta R.T.: -0.017 min
Response: 1453771
Conc: 20.95 ug/ml