

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022823AL\
 Data File : FC063041.D
 Signal(s) : FID1A.ch
 Acq On : 28 Feb 2023 09:19
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 01 03:46:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022223.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:36:00 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.535	2494753	19.220 ug/ml
Spiked Amount 50.000		Recovery =	38.44%
12) S 1-chlorooctadecane (S...	12.976	1896062	19.437 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T n-Nonane (C9)	3.295	2255227	19.022 ug/ml
2) T n-Decane (C10)	4.362	2227099	19.314 ug/ml
3) T A~Naphthalene (C11.7)	5.947	2473168	19.338 ug/ml
4) T n-Dodecane (C12)	6.383	2235165	19.356 ug/ml
5) T A~2-methylnaphthalene...	7.005	2308623	19.614 ug/ml
6) T n-Tetradecane (C14)	8.179	2196929	19.439 ug/ml
7) T n-Hexadecane (C16)	9.780	2235569	19.434 ug/ml
8) T n-Octadecane (C18)	11.223	2269316	19.483 ug/ml
10) T n-Eicosane (C20)	12.532	2221927	19.500 ug/ml
11) T n-Heneicosane (C21)	13.143	2213495	19.423 ug/ml
13) T n-Docosane (C22)	13.729	2246508	19.919 ug/ml
14) T n-Tetracosane (C24)	14.830	2307427	20.590 ug/ml
15) T n-Hexacosane (C26)	15.852	2388872	21.601 ug/ml
16) T n-Octacosane (C28)	16.798	2479943	22.538 ug/ml
17) T n-Tricontane (C30)	17.686	2591286	23.531 ug/ml
18) T n-Dotriacontane (C32)	18.518	2607683	23.365 ug/ml
19) T n-Tetratriacontane (C34)	19.298	2436608	21.801 ug/ml
20) T n-Hexatriacontane (C36)	20.038	2251342	20.739 ug/ml
21) T n-Octatriacontane (C38)	20.767	2189933	20.153 ug/ml
22) T n-Tetracontane (C40)	21.666	2188231	20.114 ug/ml

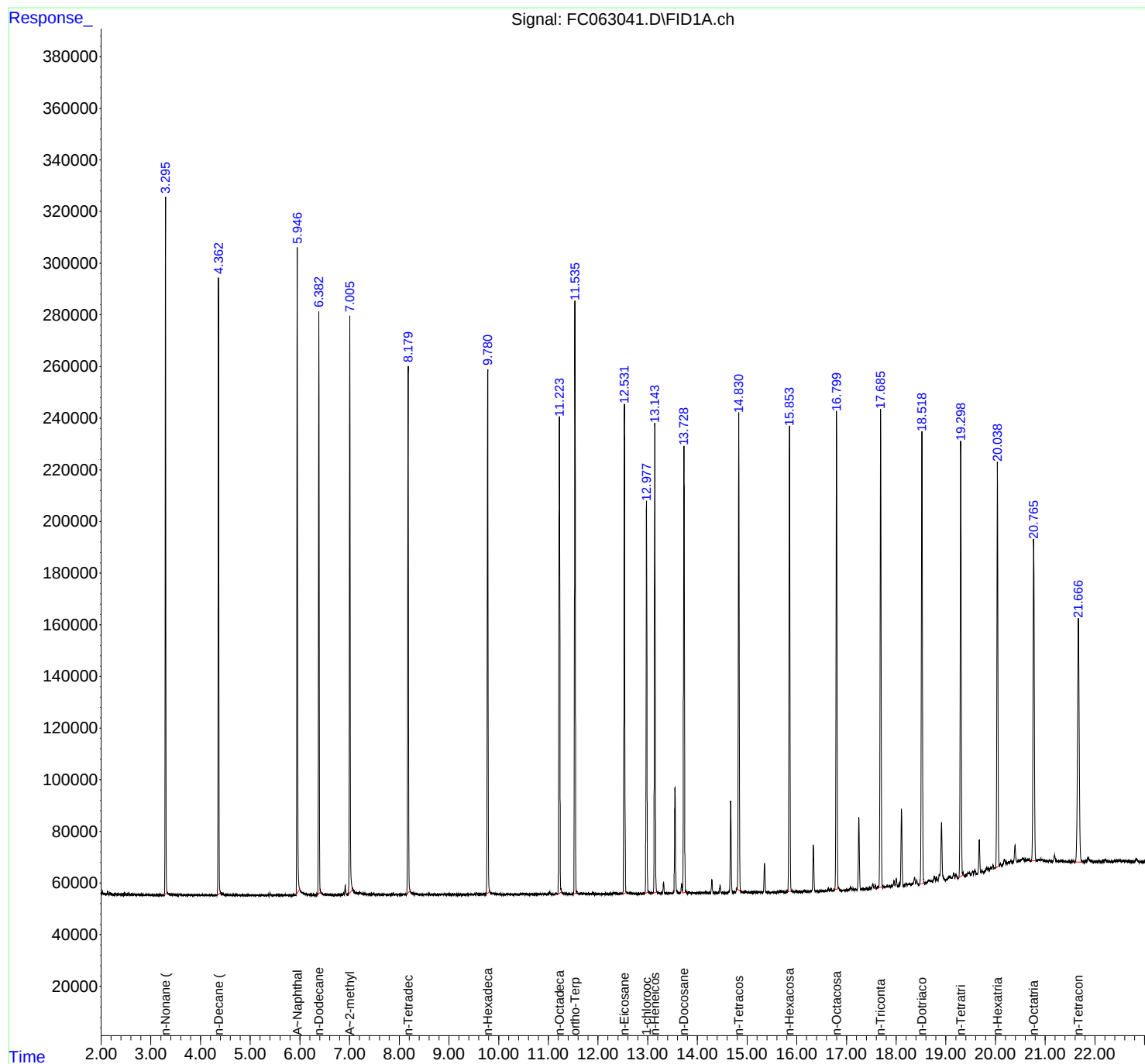
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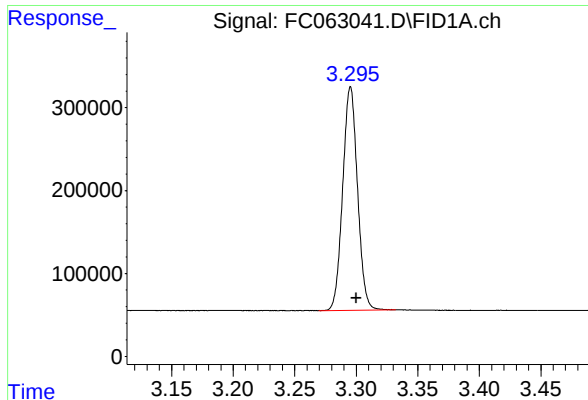
(m)=manual int.

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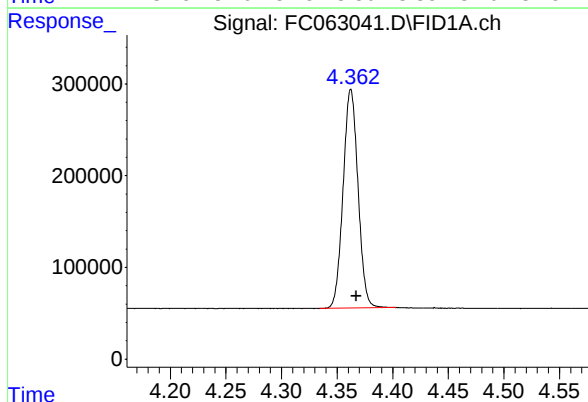
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





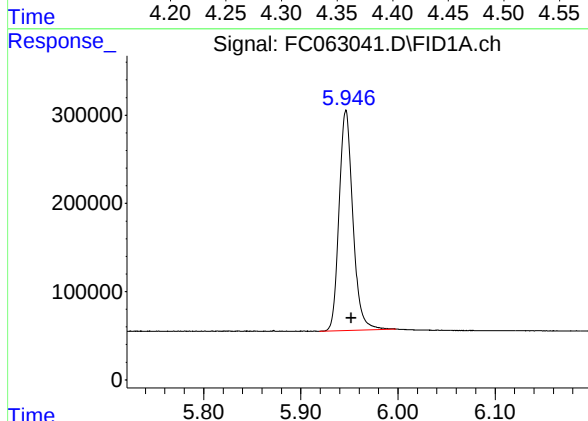
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.005 min
Response: 2255227
Conc: 19.02 ug/ml



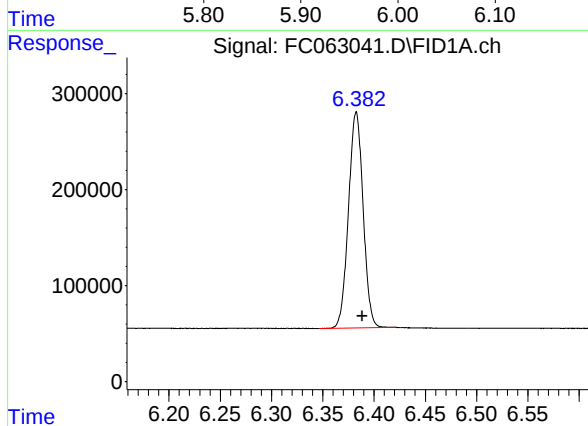
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: -0.005 min
Response: 2227099
Conc: 19.31 ug/ml



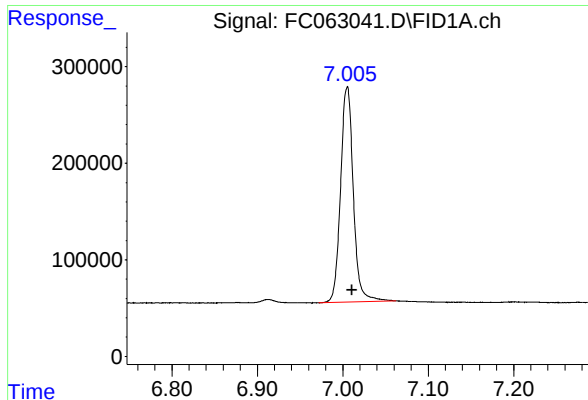
#3 A~Naphthalene (C11.7)

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 2473168
Conc: 19.34 ug/ml



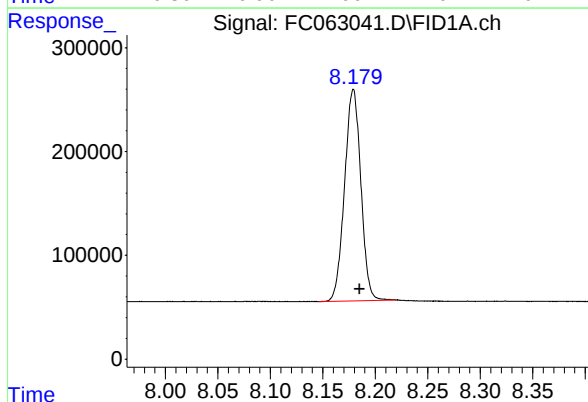
#4 n-Dodecane (C12)

R.T.: 6.383 min
Delta R.T.: -0.006 min
Response: 2235165
Conc: 19.36 ug/ml



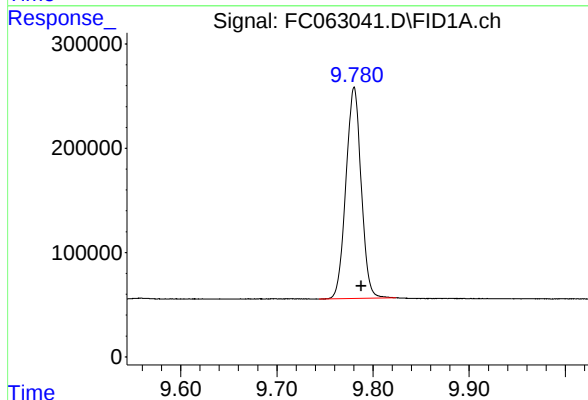
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.006 min
Response: 2308623
Conc: 19.61 ug/ml



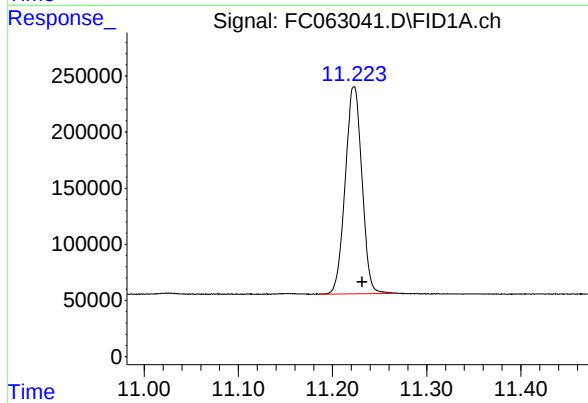
#6 n-Tetradecane (C14)

R.T.: 8.179 min
Delta R.T.: -0.006 min
Response: 2196929
Conc: 19.44 ug/ml



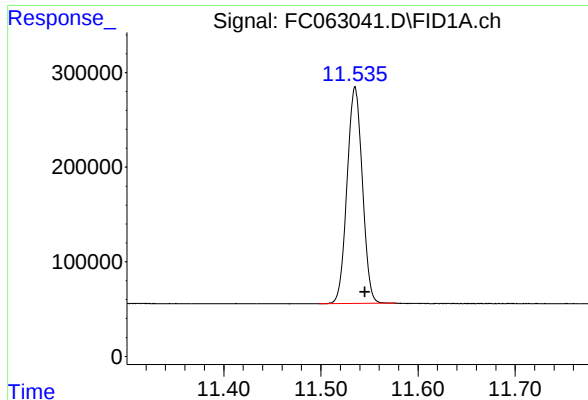
#7 n-Hexadecane (C16)

R.T.: 9.780 min
Delta R.T.: -0.007 min
Response: 2235569
Conc: 19.43 ug/ml



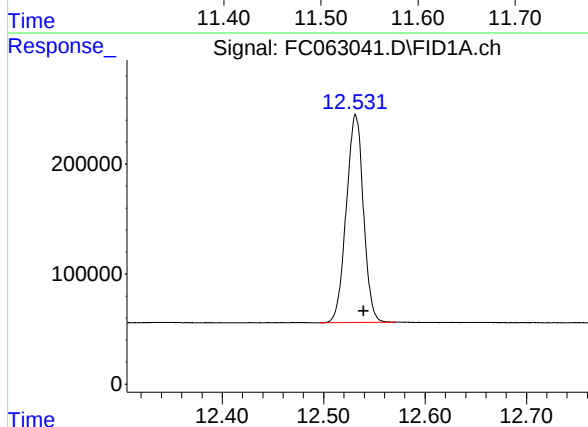
#8 n-Octadecane (C18)

R.T.: 11.223 min
Delta R.T.: -0.008 min
Response: 2269316
Conc: 19.48 ug/ml



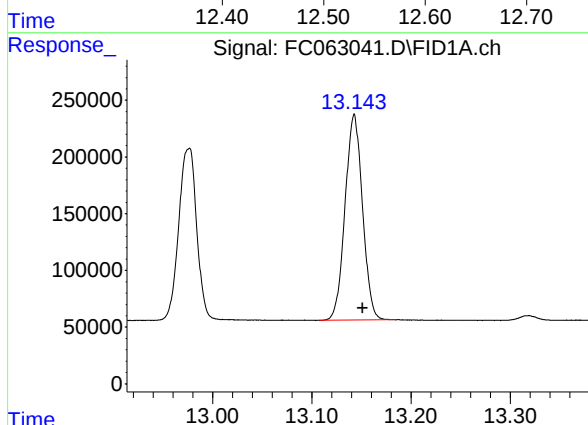
#9 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: -0.010 min
Response: 2494753
Conc: 19.22 ug/ml



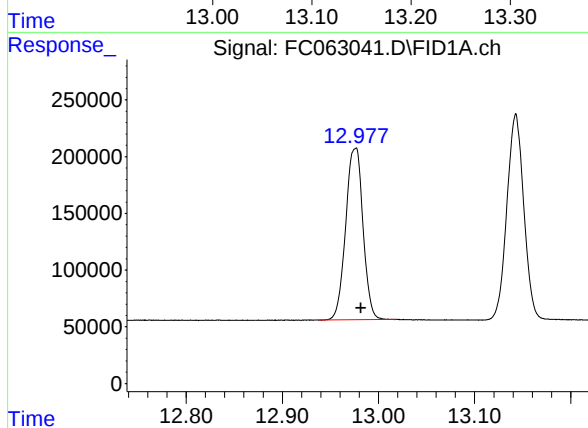
#10 n-Eicosane (C20)

R.T.: 12.532 min
Delta R.T.: -0.008 min
Response: 2221927
Conc: 19.50 ug/ml



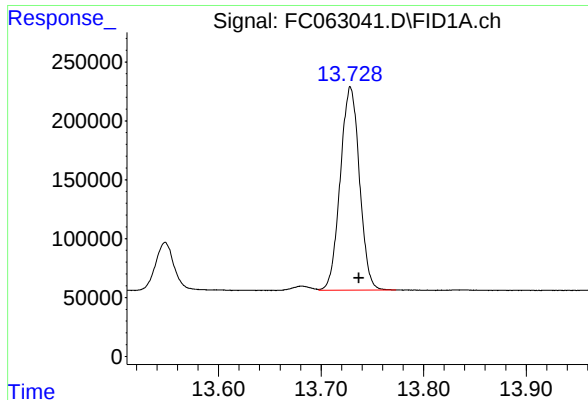
#11 n-Heneicosane (C21)

R.T.: 13.143 min
Delta R.T.: -0.008 min
Response: 2213495
Conc: 19.42 ug/ml



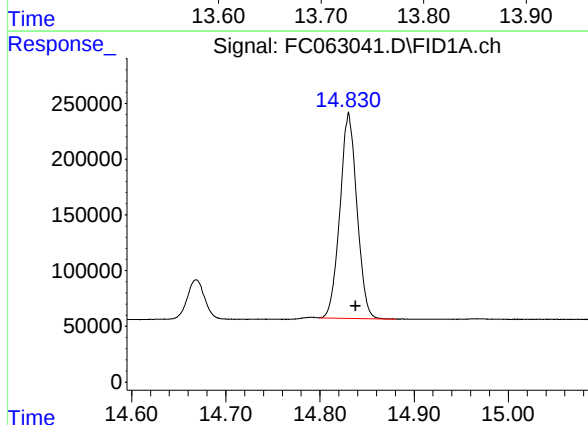
#12 1-chlorooctadecane (SURR)

R.T.: 12.976 min
Delta R.T.: -0.006 min
Response: 1896062
Conc: 19.44 ug/ml



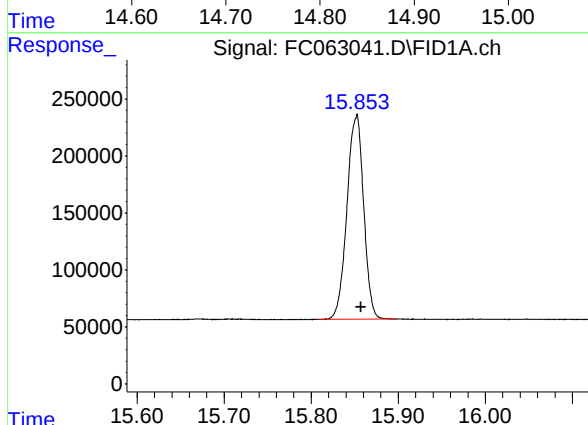
#13 n-Docosane (C22)

R.T.: 13.729 min
Delta R.T.: -0.008 min
Response: 2246508
Conc: 19.92 ug/ml



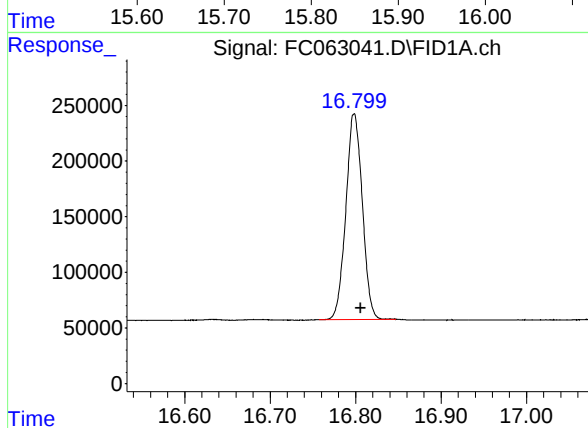
#14 n-Tetracosane (C24)

R.T.: 14.830 min
Delta R.T.: -0.007 min
Response: 2307427
Conc: 20.59 ug/ml



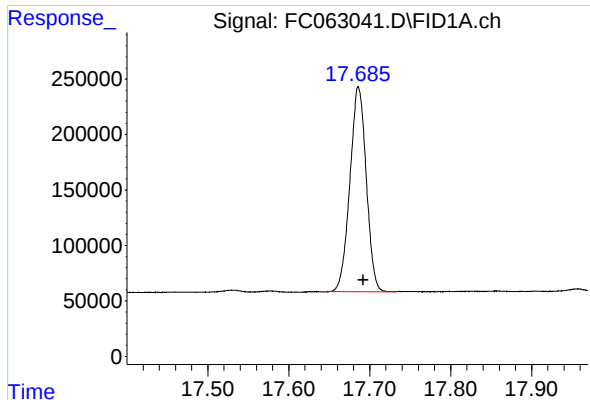
#15 n-Hexacosane (C26)

R.T.: 15.852 min
Delta R.T.: -0.005 min
Response: 2388872
Conc: 21.60 ug/ml



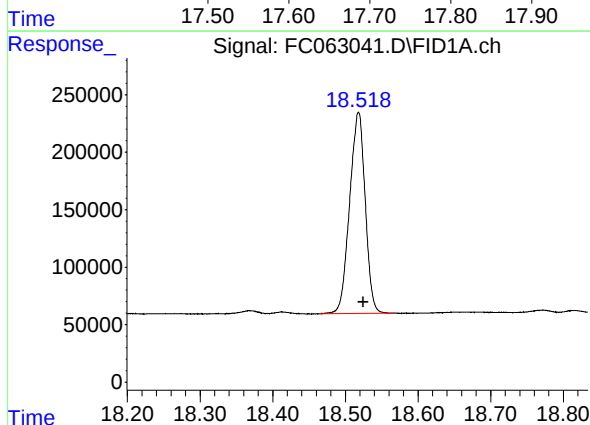
#16 n-Octacosane (C28)

R.T.: 16.798 min
Delta R.T.: -0.008 min
Response: 2479943
Conc: 22.54 ug/ml



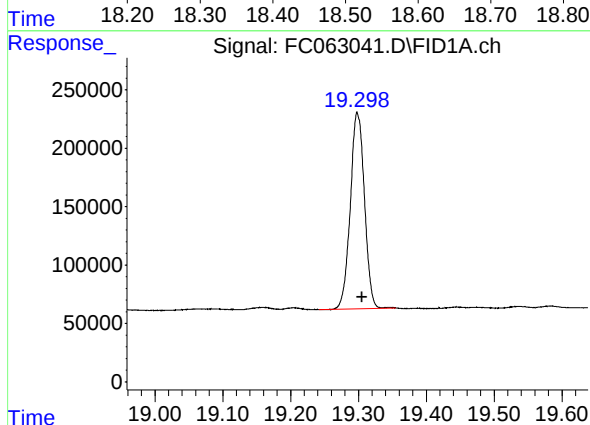
#17 n-Tricontane (C30)

R.T.: 17.686 min
Delta R.T.: -0.006 min
Response: 2591286
Conc: 23.53 ug/ml



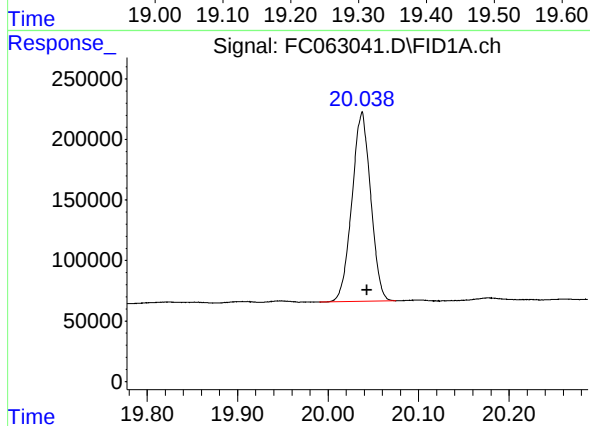
#18 n-Dotriacontane (C32)

R.T.: 18.518 min
Delta R.T.: -0.007 min
Response: 2607683
Conc: 23.37 ug/ml



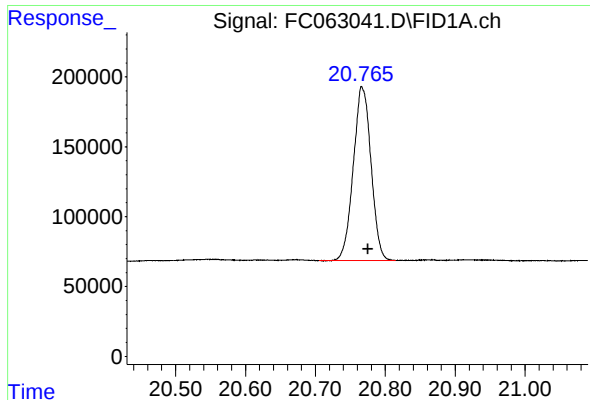
#19 n-Tetatriacontane (C34)

R.T.: 19.298 min
Delta R.T.: -0.007 min
Response: 2436608
Conc: 21.80 ug/ml



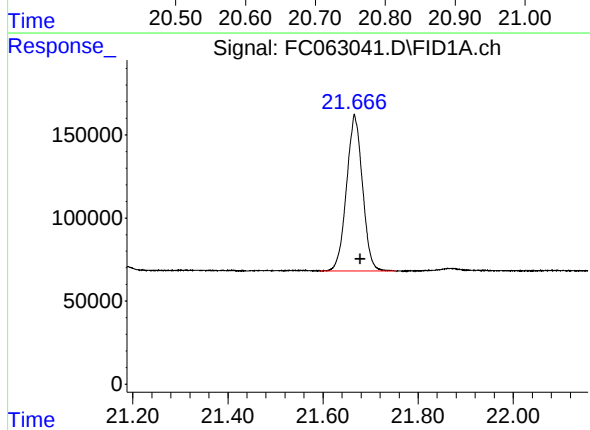
#20 n-Hexatriacontane (C36)

R.T.: 20.038 min
Delta R.T.: -0.006 min
Response: 2251342
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.767 min
Delta R.T.: -0.009 min
Response: 2189933
Conc: 20.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.666 min
Delta R.T.: -0.013 min
Response: 2188231
Conc: 20.11 ug/ml