

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081719AL\
 Data File : FD030177.D
 Signal(s) : FID2B.CH
 Acq On : 17 Aug 2019 12:02
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 19 01:18:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 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)	11.566	2800901	20.377 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
12) S 1-chlorooctadecane (S...	12.991	2265129	19.860 ug/ml
Spiked Amount 50.000		Recovery =	39.72%
Target Compounds			
1) T n-Nonane (C9)	3.361	2790982	23.322 ug/ml
2) T n-Decane (C10)	4.424	2875317	23.643 ug/ml
3) T A-Naphthalene (C11.7)	6.006	3203443	23.269 ug/ml
4) T n-Dodecane (C12)	6.434	2869631	23.533 ug/ml
5) T A~2-methylnaphthalene...	7.058	3189924	23.065 ug/ml
6) T n-Tetradecane (C14)	8.221	2850474	23.110 ug/ml
7) T n-Hexadecane (C16)	9.813	2798694	22.414 ug/ml
8) T n-Octadecane (C18)	11.247	2742451	21.451 ug/ml
10) T n-Eicosane (C20)	12.548	2670189	20.567 ug/ml
11) T n-Heneicosane (C21)	13.156	2586193	19.913 ug/ml
13) T n-Docosane (C22)	13.739	2593904	19.866 ug/ml
14) T n-Tetracosane (C24)	14.835	2615086	19.925 ug/ml
15) T n-Hexacosane (C26)	15.849	2802809	21.731 ug/ml
16) T n-Octacosane (C28)	16.792	3018984	23.794 ug/ml
17) T n-Tricontane (C30)	17.671	3014379	24.874 ug/ml
18) T n-Dotriacontane (C32)	18.497	2756469	24.583 ug/ml
19) T n-Tetratriacontane (C34)	19.272	2189028	24.689 ug/mlm
20) T n-Hexatriacontane (C36)	20.006	1855159	24.962 ug/mlm
21) T n-Octatriacontane (C38)	20.725	1652756	24.830 ug/mlm
22) T n-Tetracontane (C40)	21.596	1662399	23.535 ug/mlm

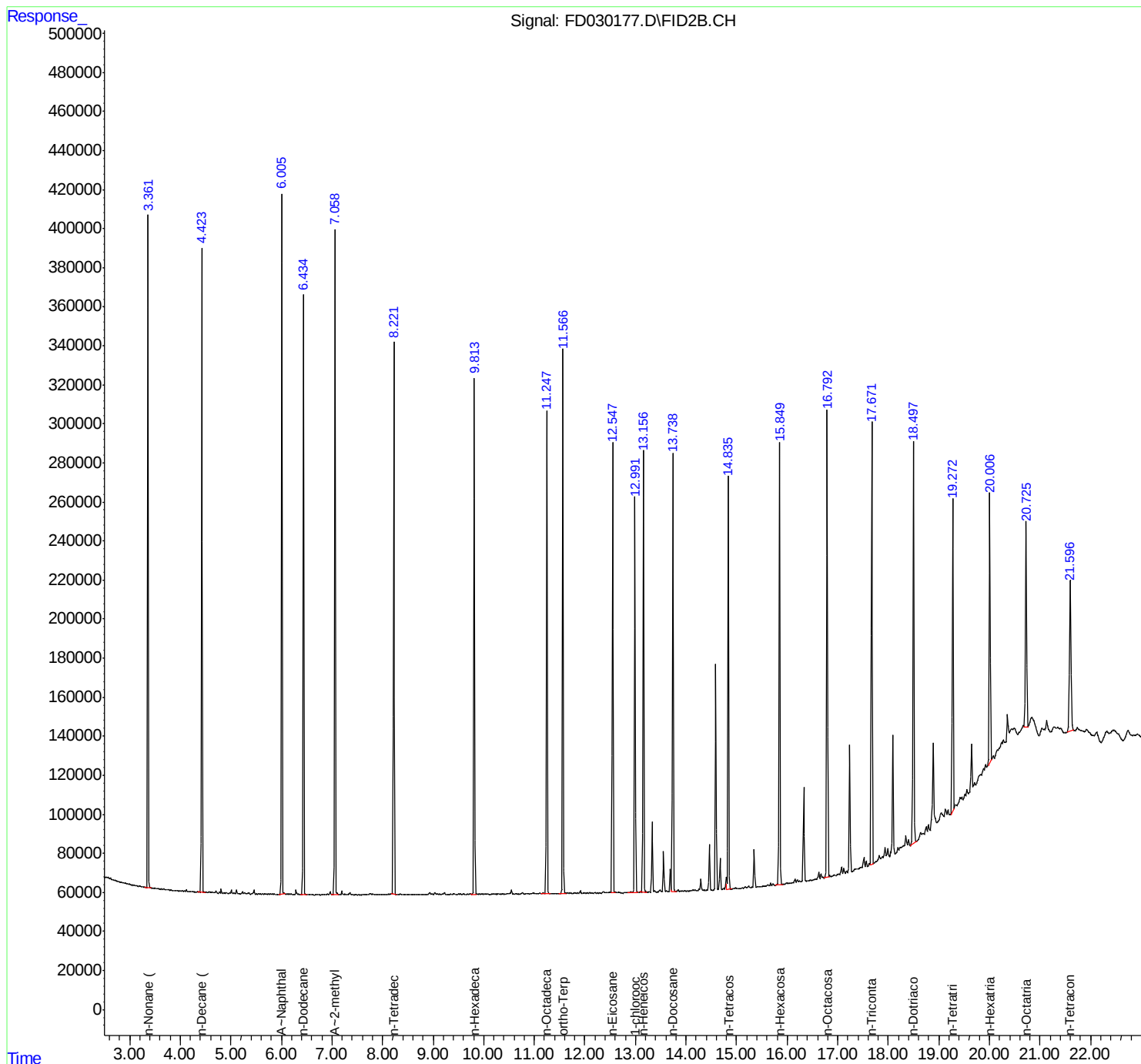
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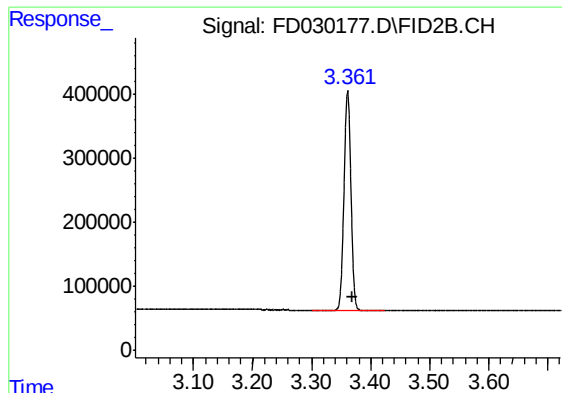
(m)=manual int.

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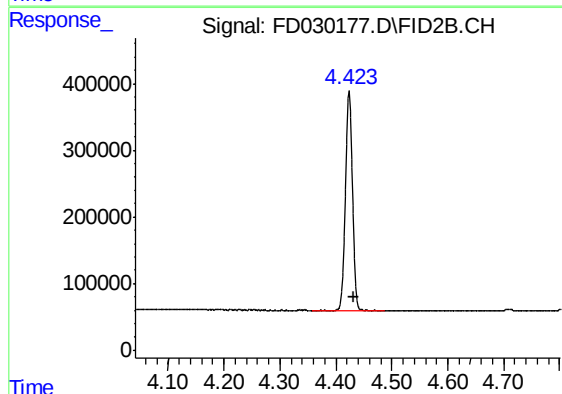
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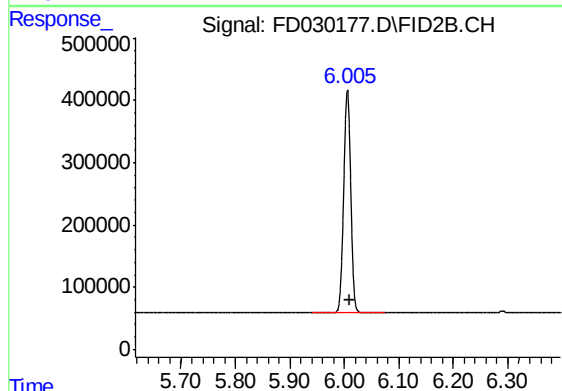
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: -0.008 min
Response: 2790982
Conc: 23.32 ug/ml



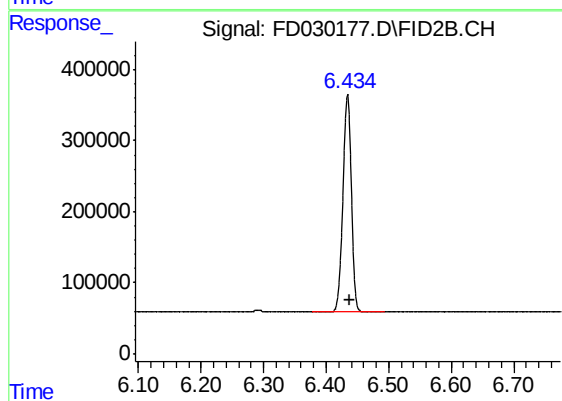
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.007 min
Response: 2875317
Conc: 23.64 ug/ml



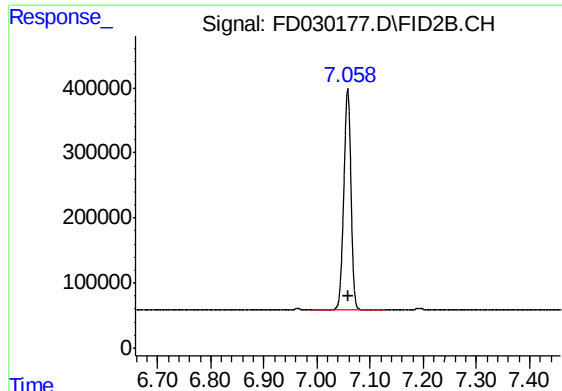
#3 A~Naphthalene (C11.7)

R.T.: 6.006 min
Delta R.T.: -0.004 min
Response: 3203443
Conc: 23.27 ug/ml



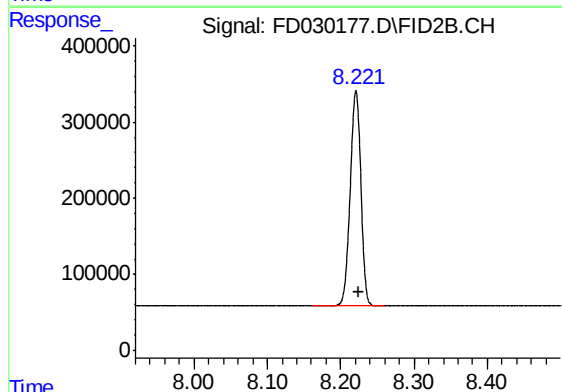
#4 n-Dodecane (C12)

R.T.: 6.434 min
Delta R.T.: -0.005 min
Response: 2869631
Conc: 23.53 ug/ml



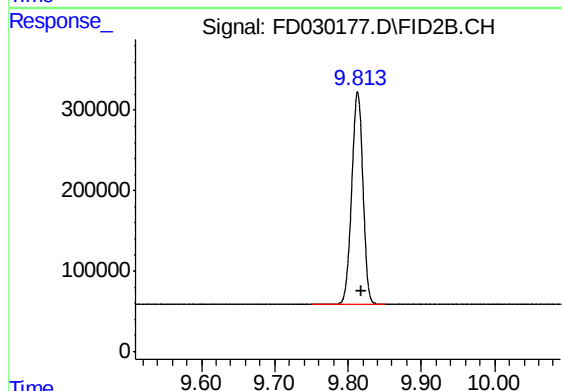
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.058 min
Delta R.T.: -0.003 min
Response: 3189924
Conc: 23.06 ug/ml



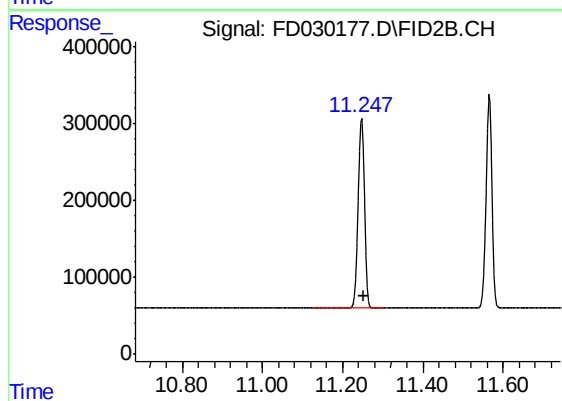
#6 n-Tetradecane (C14)

R.T.: 8.221 min
Delta R.T.: -0.005 min
Response: 2850474
Conc: 23.11 ug/ml



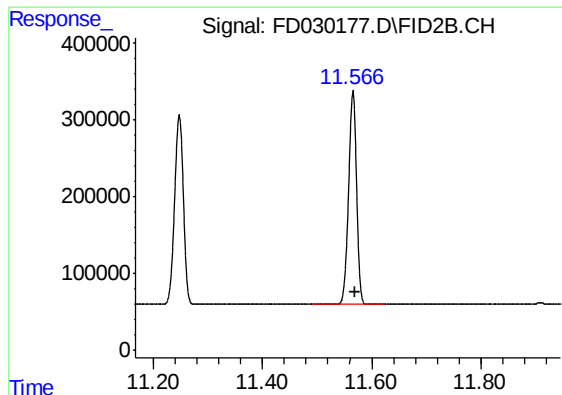
#7 n-Hexadecane (C16)

R.T.: 9.813 min
Delta R.T.: -0.004 min
Response: 2798694
Conc: 22.41 ug/ml



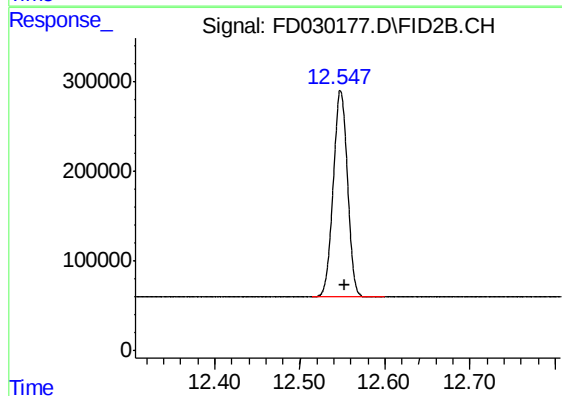
#8 n-Octadecane (C18)

R.T.: 11.247 min
Delta R.T.: -0.004 min
Response: 2742451
Conc: 21.45 ug/ml



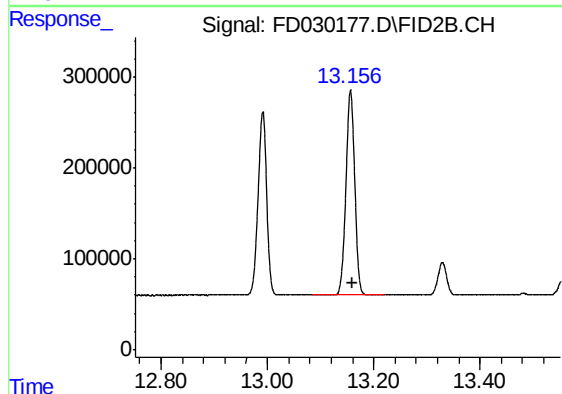
#9 ortho-Terphenyl (SURR)

R.T.: 11.566 min
Delta R.T.: -0.003 min
Response: 2800901
Conc: 20.38 ug/ml



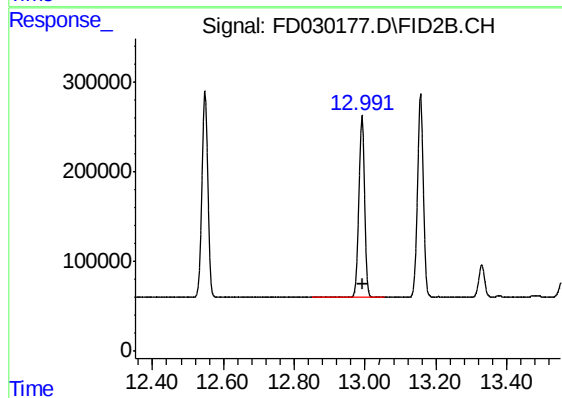
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: -0.005 min
Response: 2670189
Conc: 20.57 ug/ml



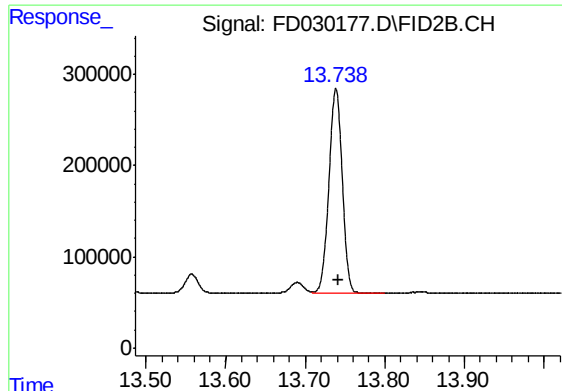
#11 n-Heneicosane (C21)

R.T.: 13.156 min
Delta R.T.: -0.004 min
Response: 2586193
Conc: 19.91 ug/ml



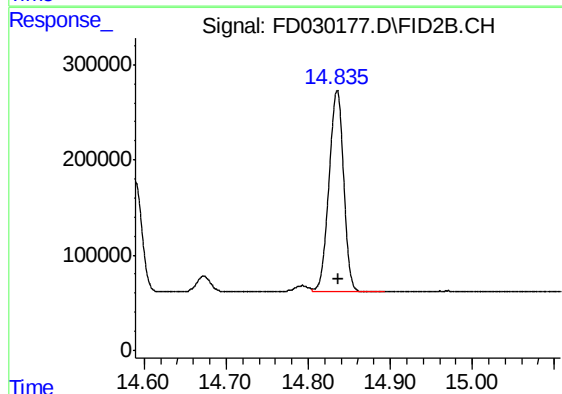
#12 1-chlorooctadecane (SURR)

R.T.: 12.991 min
Delta R.T.: -0.003 min
Response: 2265129
Conc: 19.86 ug/ml



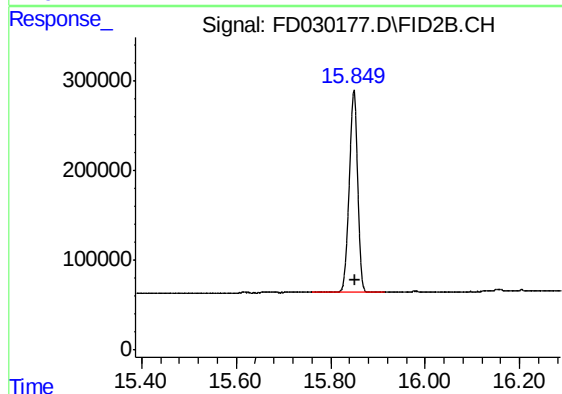
#13 n-Docosane (C22)

R.T.: 13.739 min
Delta R.T.: -0.003 min
Response: 2593904
Conc: 19.87 ug/ml



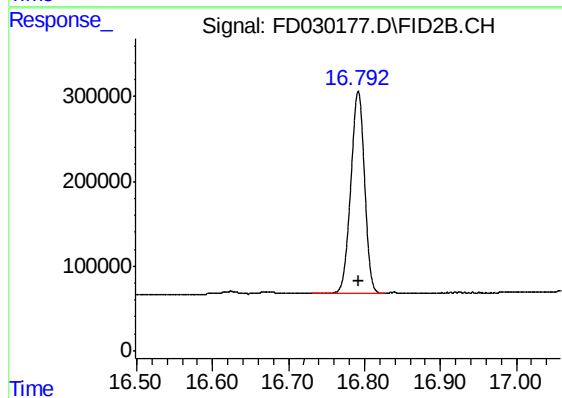
#14 n-Tetracosane (C24)

R.T.: 14.835 min
Delta R.T.: -0.002 min
Response: 2615086
Conc: 19.92 ug/ml



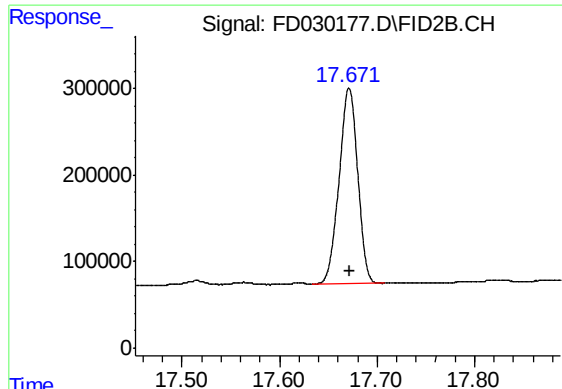
#15 n-Hexacosane (C26)

R.T.: 15.849 min
Delta R.T.: -0.001 min
Response: 2802809
Conc: 21.73 ug/ml



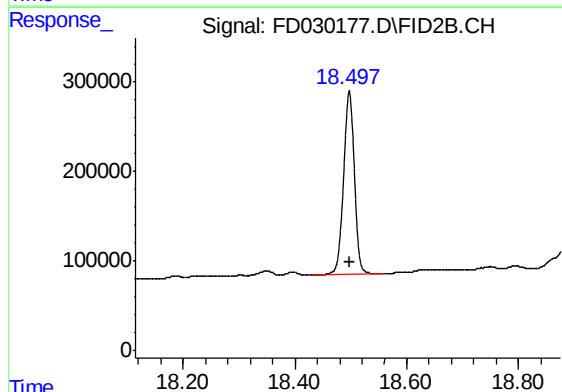
#16 n-Octacosane (C28)

R.T.: 16.792 min
Delta R.T.: 0.000 min
Response: 3018984
Conc: 23.79 ug/ml



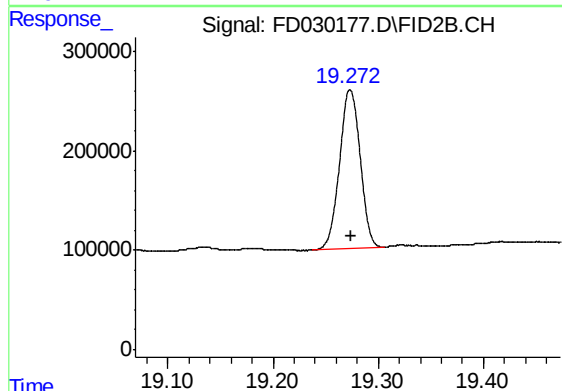
#17 n-Tricontane (C30)

R.T.: 17.671 min
Delta R.T.: 0.000 min
Response: 3014379
Conc: 24.87 ug/ml



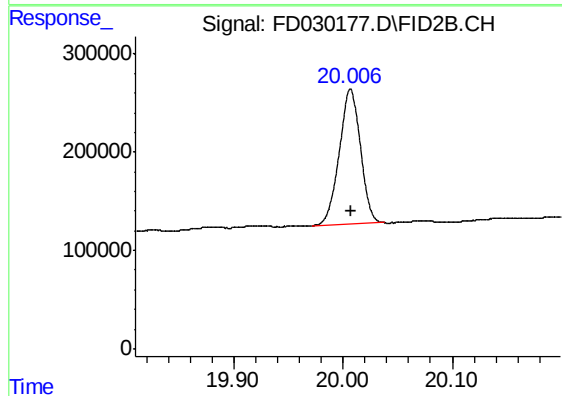
#18 n-Dotriacontane (C32)

R.T.: 18.497 min
Delta R.T.: 0.000 min
Response: 2756469
Conc: 24.58 ug/ml



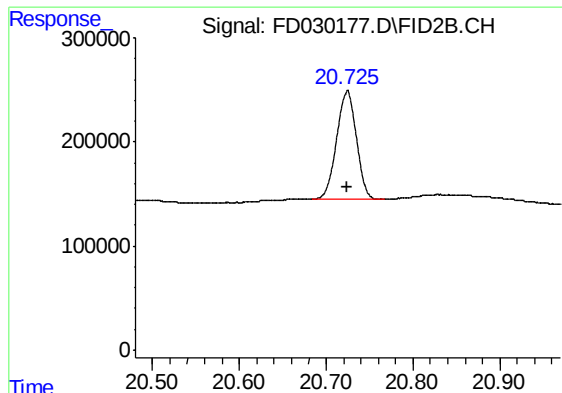
#19 n-Tetatriacontane (C34)

R.T.: 19.272 min
Delta R.T.: -0.003 min
Response: 2189028
Conc: 24.69 ug/ml m



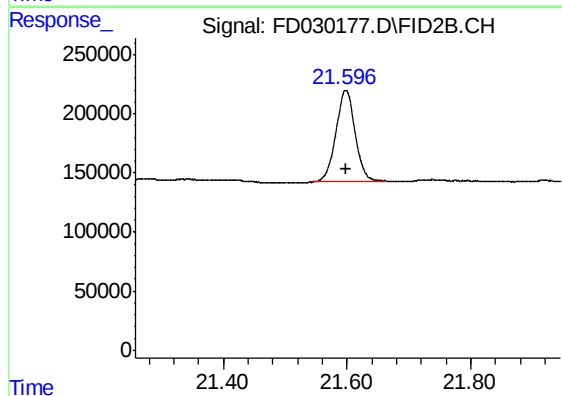
#20 n-Hexatriacontane (C36)

R.T.: 20.006 min
Delta R.T.: 0.000 min
Response: 1855159
Conc: 24.96 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.725 min
Delta R.T.: 0.000 min
Response: 1652756
Conc: 24.83 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: -0.003 min
Response: 1662399
Conc: 23.53 ug/ml m