

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021522AL\
 Data File : FD041027.D
 Signal(s) : FID2B.CH
 Acq On : 15 Feb 2022 10:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 15 11:04:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 03:32:15 2022
 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)	11.229	563286	20.154 ug/ml
Spiked Amount 50.000		Recovery =	40.31%
12) S 1-chlorooctadecane (S...	12.669	425639	20.331 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
Target Compounds			
1) T n-Nonane (C9)	3.079	476067	21.137 ug/ml
2) T n-Decane (C10)	4.137	482220	21.426 ug/ml
3) T A~Naphthalene (C11.7)	5.694	464669	20.911 ug/ml
4) T n-Dodecane (C12)	6.139	482440	21.012 ug/ml
5) T A~2-methylnaphthalene...	6.740	459732	21.402 ug/ml
6) T n-Tetradecane (C14)	7.916	488186	20.731 ug/ml
7) T n-Hexadecane (C16)	9.503	493951	20.545 ug/ml
8) T n-Octadecane (C18)	10.932	510121	20.328 ug/ml
10) T n-Eicosane (C20)	12.231	506438	20.221 ug/ml
11) T n-Heneicosane (C21)	12.839	511419	20.138 ug/ml
13) T n-Docosane (C22)	13.421	504490	20.155 ug/ml
14) T n-Tetracosane (C24)	14.517	518243	20.867 ug/ml
15) T n-Hexacosane (C26)	15.531	522117	21.537 ug/ml
16) T n-Octacosane (C28)	16.475	541256	22.478 ug/ml
17) T n-Tricontane (C30)	17.356	567716	23.825 ug/ml
18) T n-Dotriacontane (C32)	18.185	546012	24.344 ug/ml
19) T n-Tetratriacontane (C34)	18.964	503645	23.371 ug/ml
20) T n-Hexatriacontane (C36)	19.698	451889	22.727 ug/ml
21) T n-Octatriacontane (C38)	20.398	417097	22.015 ug/ml
22) T n-Tetracontane (C40)	21.176	412036	21.287 ug/ml

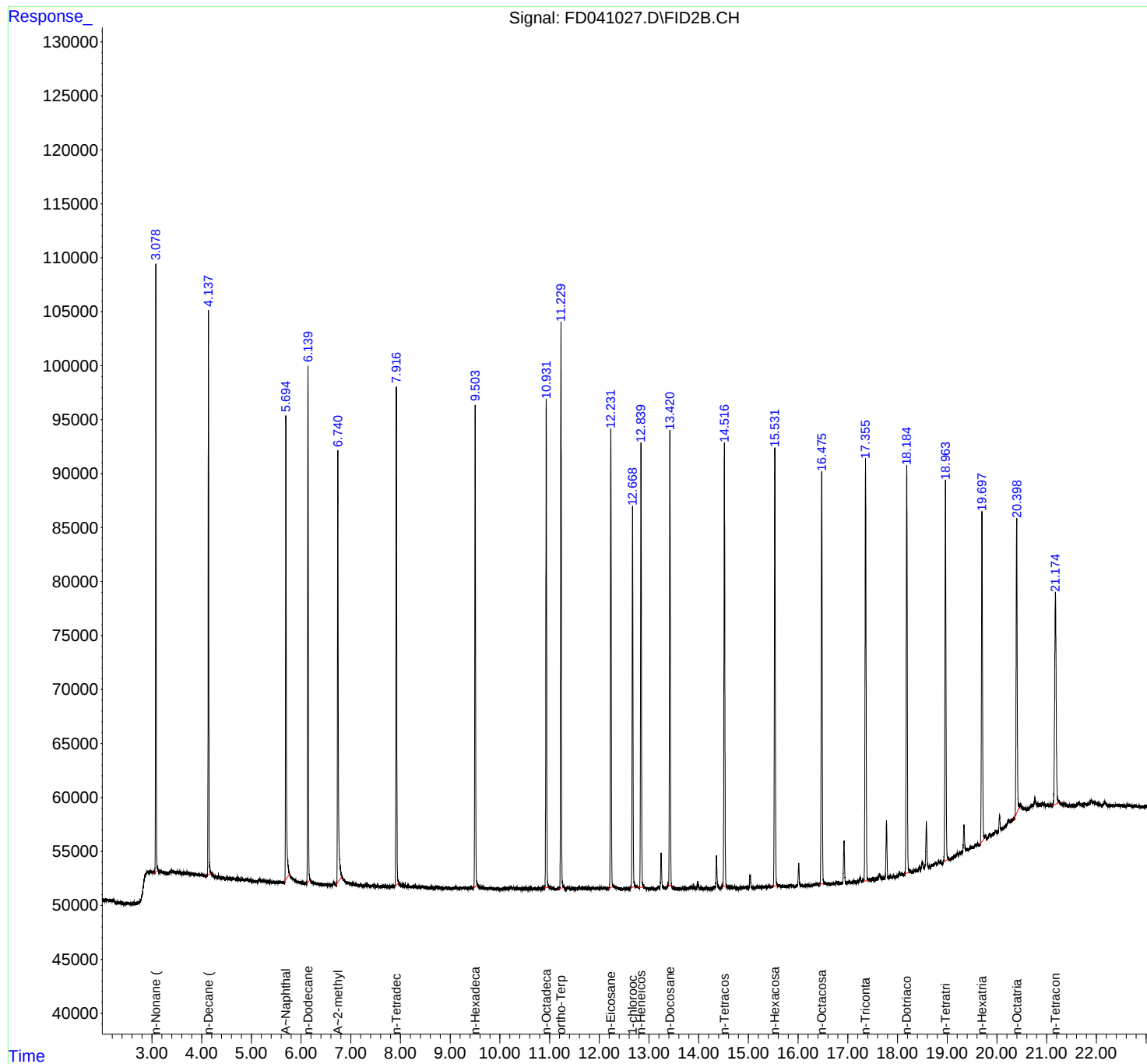
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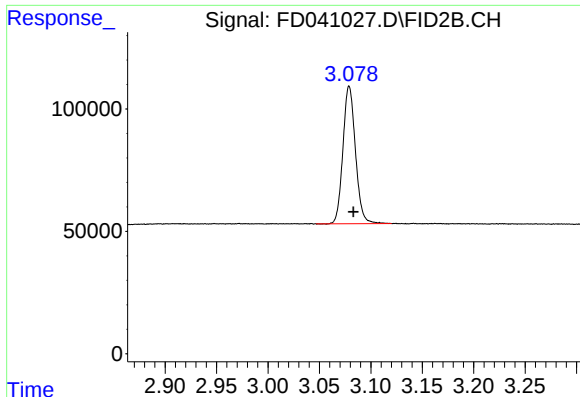
(m)=manual int.

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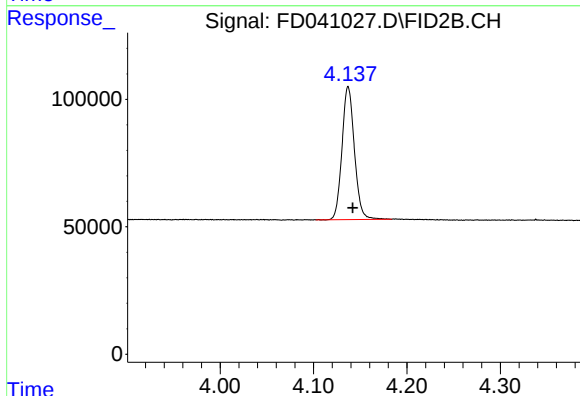
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Signal Info : 20M x 0.18mm x 0.18um





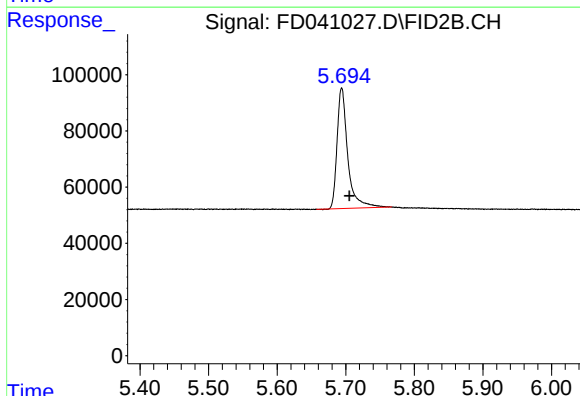
#1 n-Nonane (C9)

R.T.: 3.079 min
Delta R.T.: -0.004 min
Response: 476067
Conc: 21.14 ug/ml



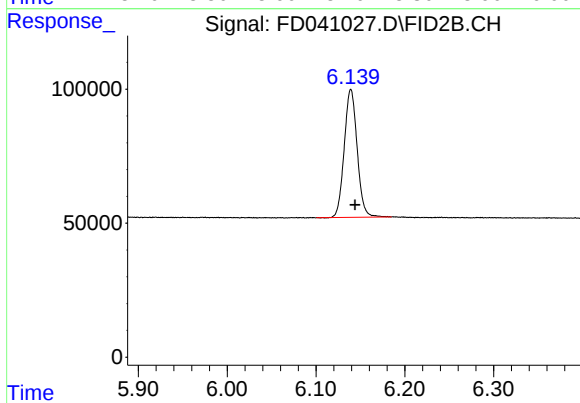
#2 n-Decane (C10)

R.T.: 4.137 min
Delta R.T.: -0.005 min
Response: 482220
Conc: 21.43 ug/ml



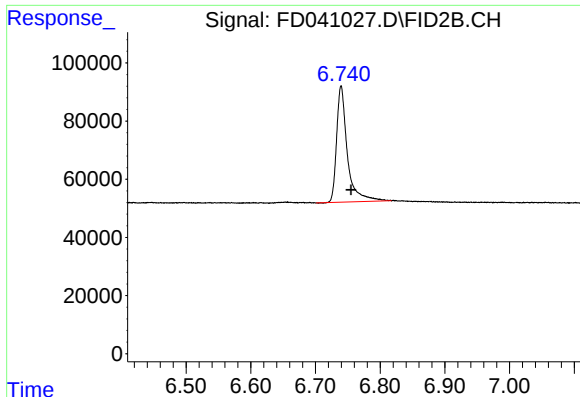
#3 A~Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: -0.012 min
Response: 464669
Conc: 20.91 ug/ml



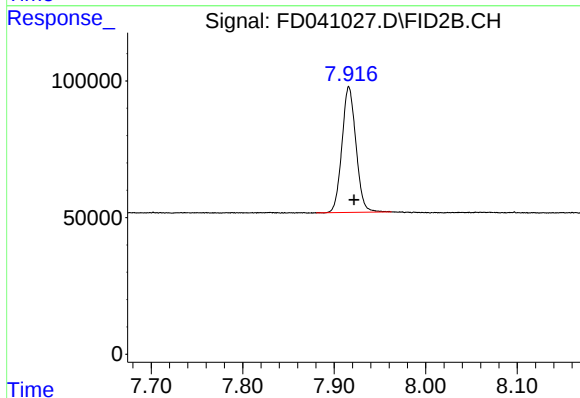
#4 n-Dodecane (C12)

R.T.: 6.139 min
Delta R.T.: -0.005 min
Response: 482440
Conc: 21.01 ug/ml



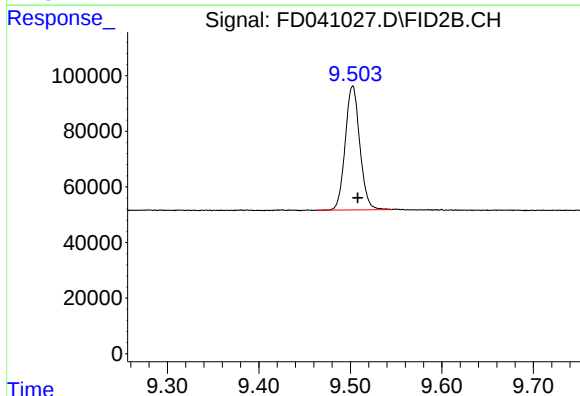
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: -0.015 min
Response: 459732
Conc: 21.40 ug/ml



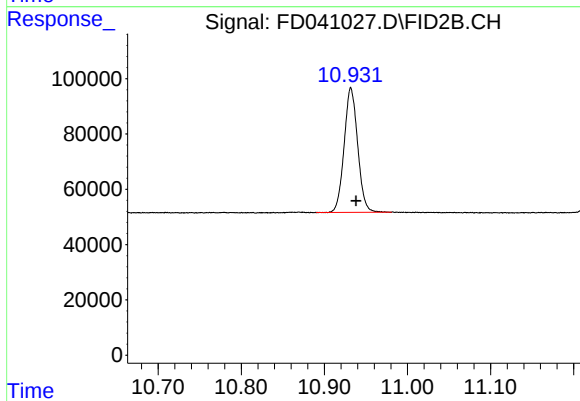
#6 n-Tetradecane (C14)

R.T.: 7.916 min
Delta R.T.: -0.006 min
Response: 488186
Conc: 20.73 ug/ml



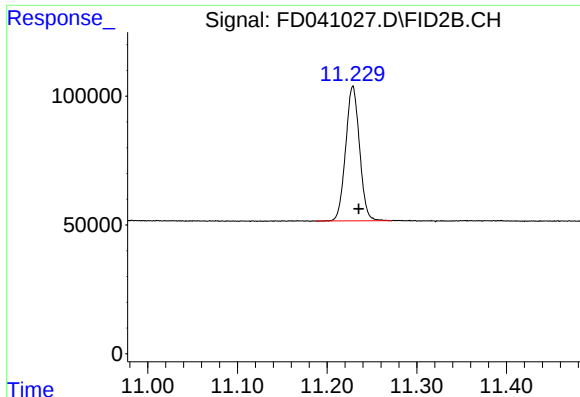
#7 n-Hexadecane (C16)

R.T.: 9.503 min
Delta R.T.: -0.006 min
Response: 493951
Conc: 20.55 ug/ml



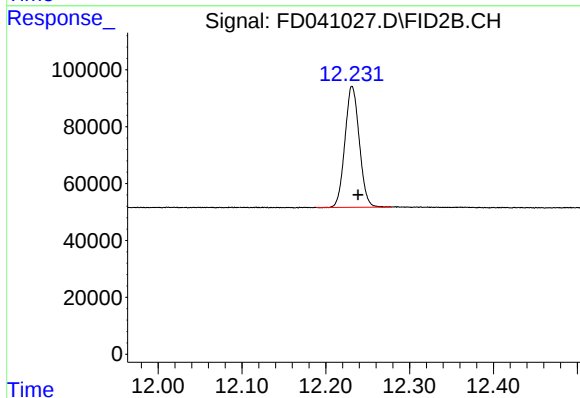
#8 n-Octadecane (C18)

R.T.: 10.932 min
Delta R.T.: -0.006 min
Response: 510121
Conc: 20.33 ug/ml



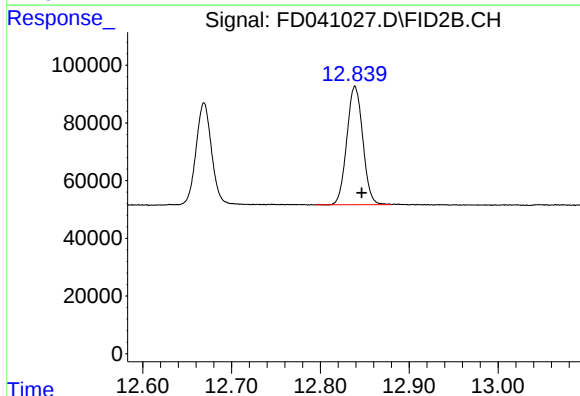
#9 ortho-Terphenyl (SURR)

R.T.: 11.229 min
Delta R.T.: -0.007 min
Response: 563286
Conc: 20.15 ug/ml



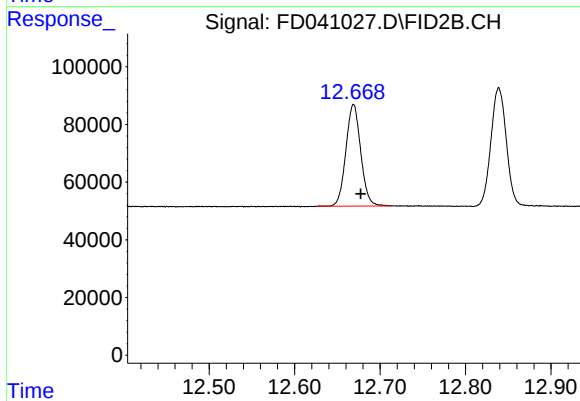
#10 n-Eicosane (C20)

R.T.: 12.231 min
Delta R.T.: -0.007 min
Response: 506438
Conc: 20.22 ug/ml



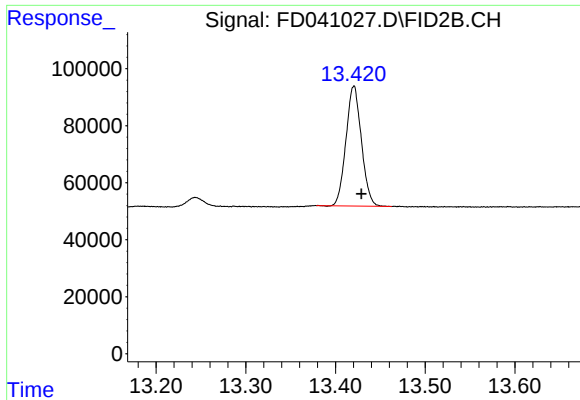
#11 n-Heneicosane (C21)

R.T.: 12.839 min
Delta R.T.: -0.008 min
Response: 511419
Conc: 20.14 ug/ml



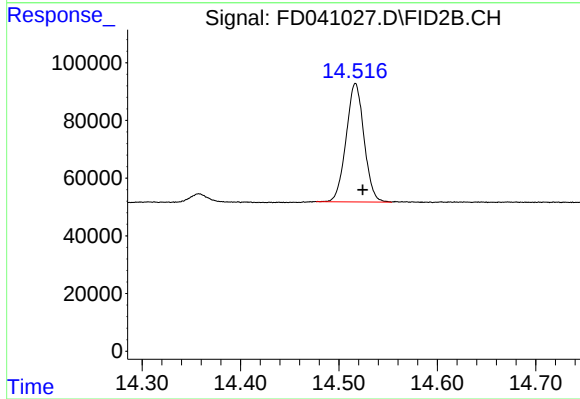
#12 1-chlorooctadecane (SURR)

R.T.: 12.669 min
Delta R.T.: -0.008 min
Response: 425639
Conc: 20.33 ug/ml



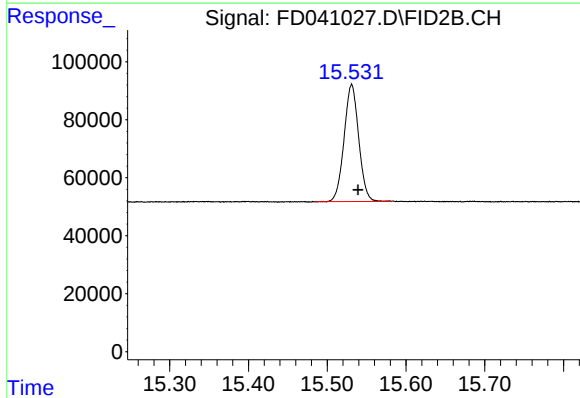
#13 n-Docosane (C22)

R.T.: 13.421 min
Delta R.T.: -0.008 min
Response: 504490
Conc: 20.16 ug/ml



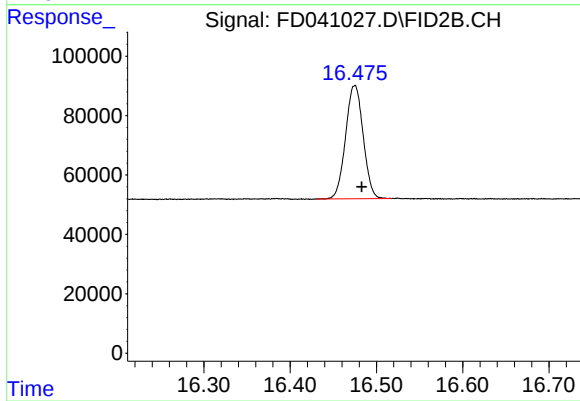
#14 n-Tetracosane (C24)

R.T.: 14.517 min
Delta R.T.: -0.007 min
Response: 518243
Conc: 20.87 ug/ml



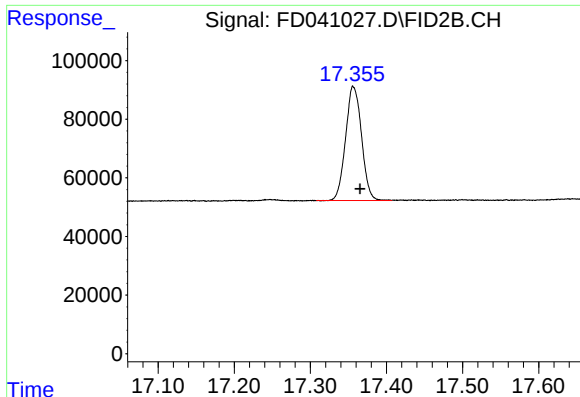
#15 n-Hexacosane (C26)

R.T.: 15.531 min
Delta R.T.: -0.008 min
Response: 522117
Conc: 21.54 ug/ml



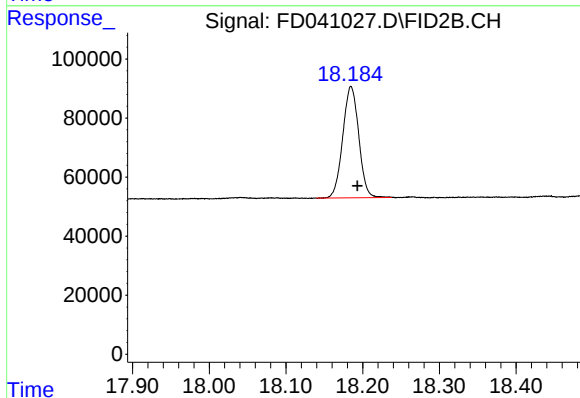
#16 n-Octacosane (C28)

R.T.: 16.475 min
Delta R.T.: -0.008 min
Response: 541256
Conc: 22.48 ug/ml



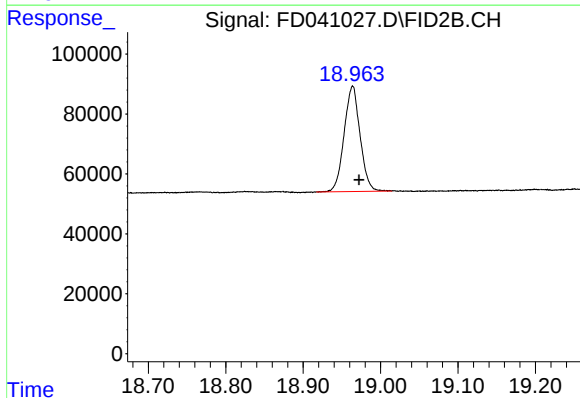
#17 n-Tricontane (C30)

R.T.: 17.356 min
Delta R.T.: -0.009 min
Response: 567716
Conc: 23.83 ug/ml



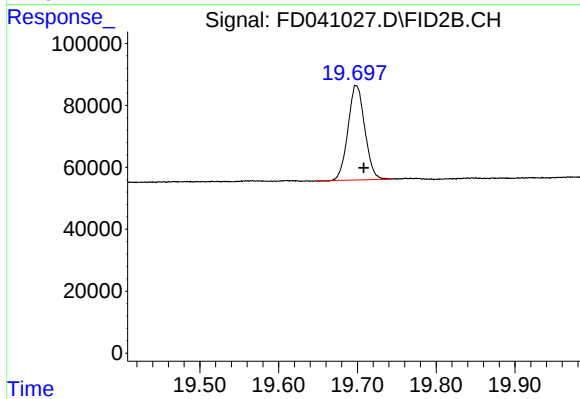
#18 n-Dotriacontane (C32)

R.T.: 18.185 min
Delta R.T.: -0.009 min
Response: 546012
Conc: 24.34 ug/ml



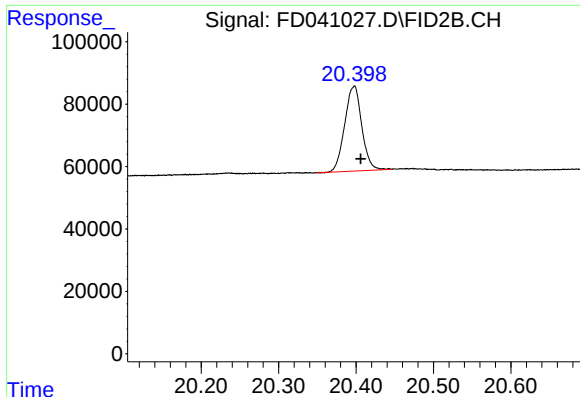
#19 n-Tetratriacontane (C34)

R.T.: 18.964 min
Delta R.T.: -0.008 min
Response: 503645
Conc: 23.37 ug/ml



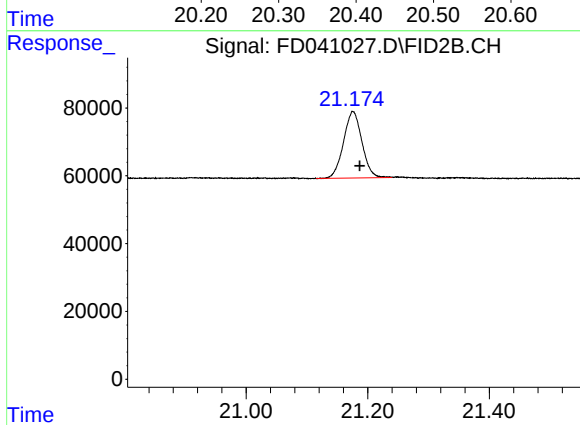
#20 n-Hexatriacontane (C36)

R.T.: 19.698 min
Delta R.T.: -0.010 min
Response: 451889
Conc: 22.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.398 min
Delta R.T.: -0.008 min
Response: 417097
Conc: 22.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.176 min
Delta R.T.: -0.011 min
Response: 412036
Conc: 21.29 ug/ml