

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081121AL\
 Data File : FD038509.D
 Signal(s) : FID2B.CH
 Acq On : 11 Aug 2021 22:21
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 12 02:37:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 03:20:37 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)	11.372	2493720	18.269 ug/ml
Spiked Amount 50.000		Recovery =	36.54%
12) S 1-chlorooctadecane (S...	12.808	1931432	17.961 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
Target Compounds			
2) T n-Decane (C10)	4.248	2436348	20.664 ug/ml
3) T A~Naphthalene (C11.7)	5.814	2764066	21.175 ug/ml
4) T n-Dodecane (C12)	6.251	2464564	20.756 ug/ml
5) T A~2-methylnaphthalene...	6.865	2707433	20.690 ug/ml
6) T n-Tetradecane (C14)	8.037	2460366	20.244 ug/ml
7) T n-Hexadecane (C16)	9.629	2422057	19.818 ug/ml
8) T n-Octadecane (C18)	11.064	2430881	19.308 ug/ml
10) T n-Eicosane (C20)	12.367	2323092	18.429 ug/ml
11) T n-Heneicosane (C21)	12.977	2297712	18.000 ug/ml
13) T n-Docosane (C22)	13.560	2240262	17.598 ug/ml
14) T n-Tetracosane (C24)	14.658	2180452	16.951 ug/ml
15) T n-Hexacosane (C26)	15.674	2066728	16.229 ug/ml
16) T n-Octacosane (C28)	16.619	2017067	15.810 ug/ml
17) T n-Tricontane (C30)	17.503	2110022	16.654 ug/ml
18) T n-Dotriacontane (C32)	18.332	2406230	19.583 ug/ml
19) T n-Tetratriacontane (C34)	19.112	3853136	32.284 ug/ml
20) T n-Hexatriacontane (C36)	19.848	9380233	84.163 ug/ml
21) T n-Octatriacontane (C38)	20.550	5710326	55.237 ug/ml
22) T n-Tetracontane (C40)	21.363	5695723	56.748 ug/ml

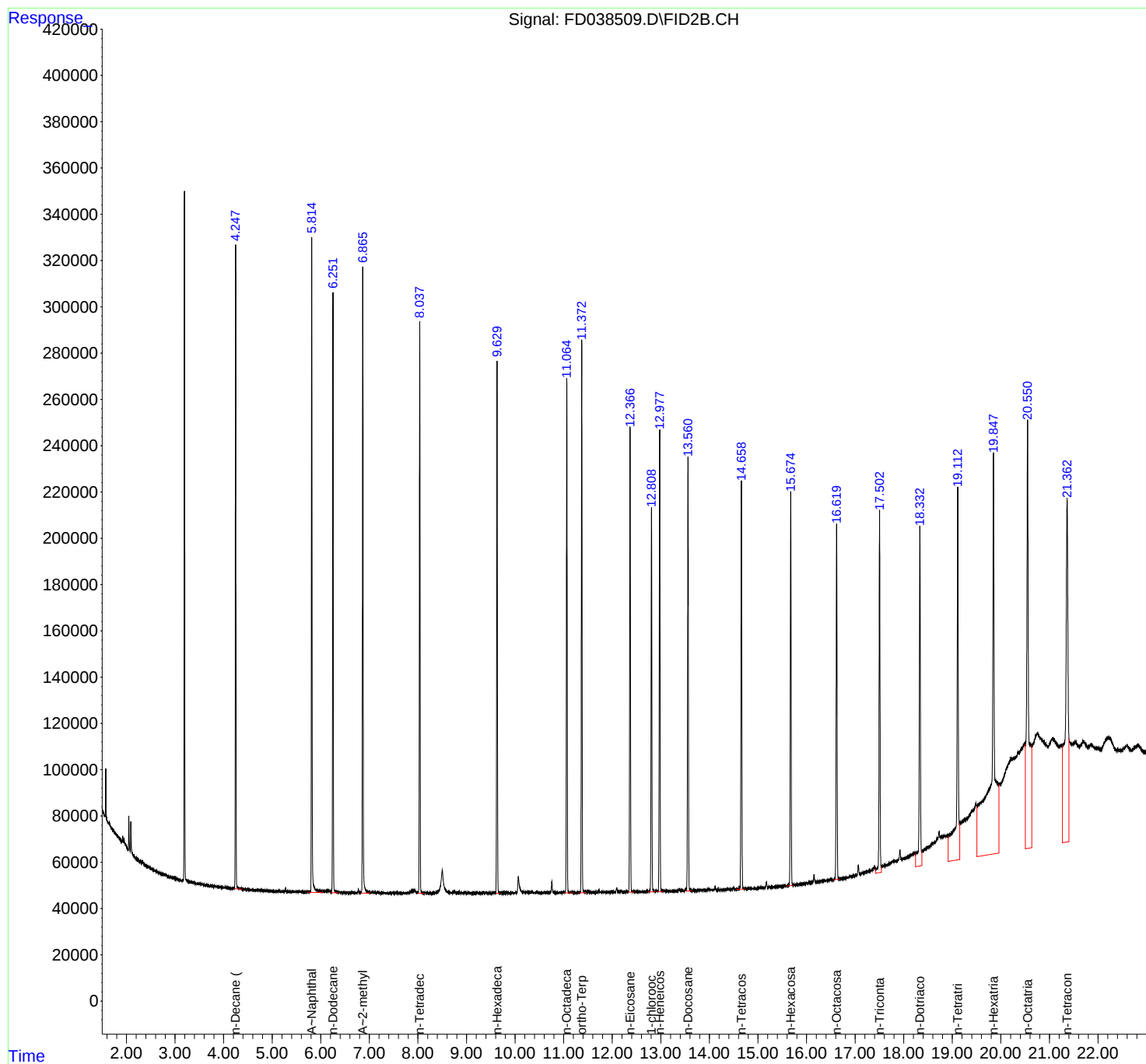
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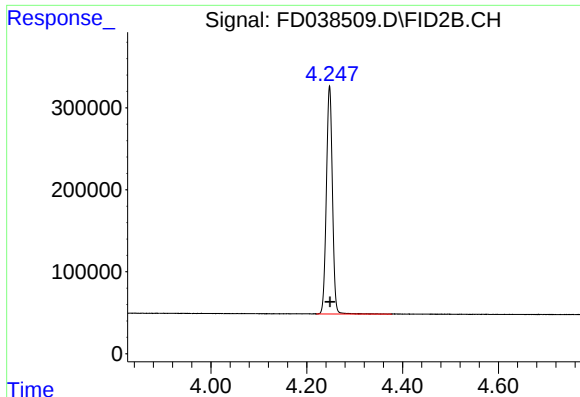
(m)=manual int.

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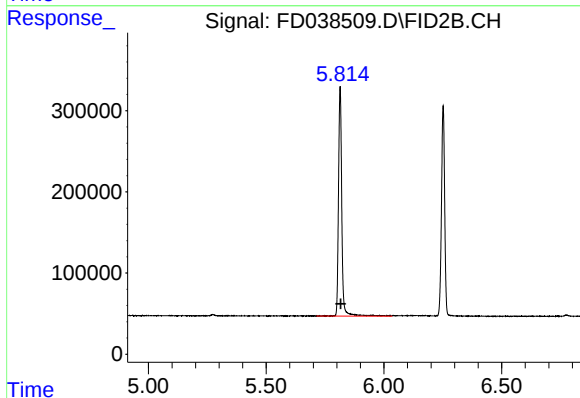
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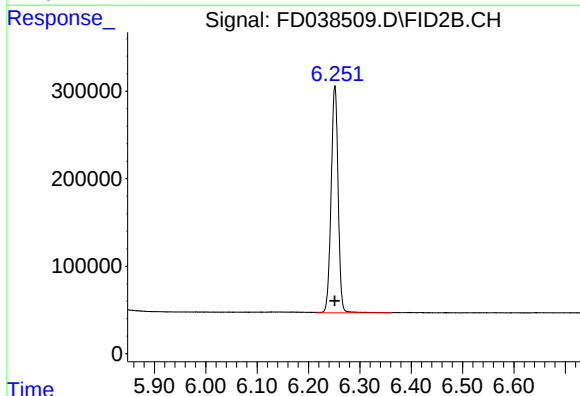
#2 n-Decane (C10)

R.T.: 4.248 min
Delta R.T.: -0.001 min
Response: 2436348
Conc: 20.66 ug/ml



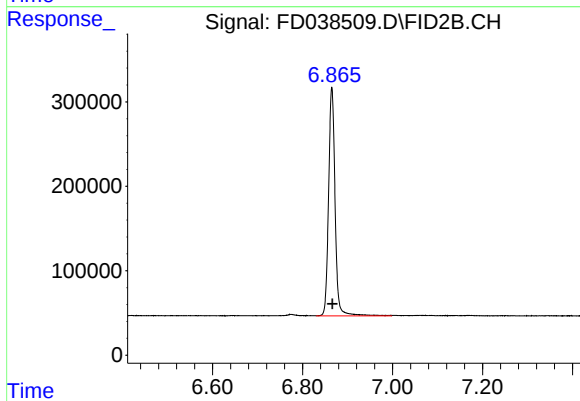
#3 A~Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: -0.002 min
Response: 2764066
Conc: 21.17 ug/ml



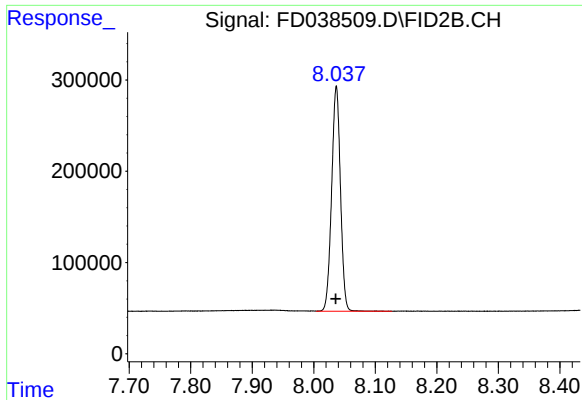
#4 n-Dodecane (C12)

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 2464564
Conc: 20.76 ug/ml



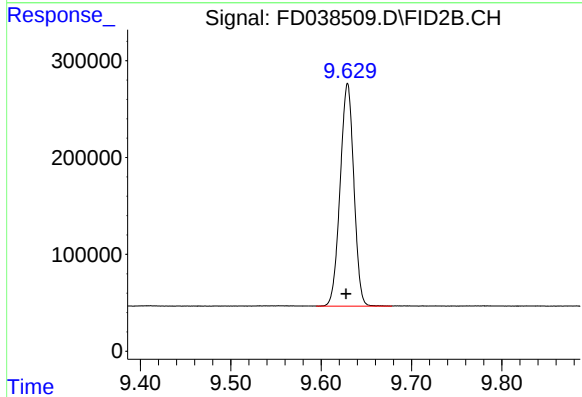
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 2707433
Conc: 20.69 ug/ml



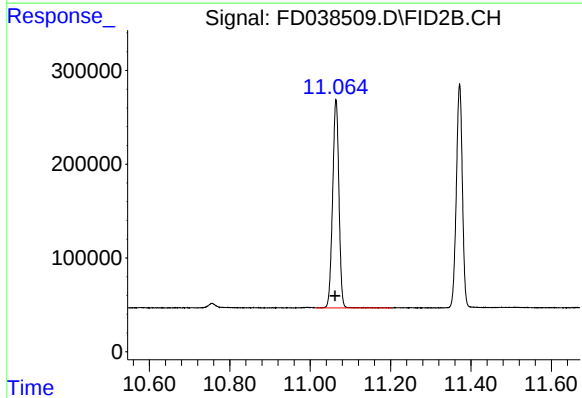
#6 n-Tetradecane (C14)

R.T.: 8.037 min
Delta R.T.: 0.001 min
Response: 2460366
Conc: 20.24 ug/ml



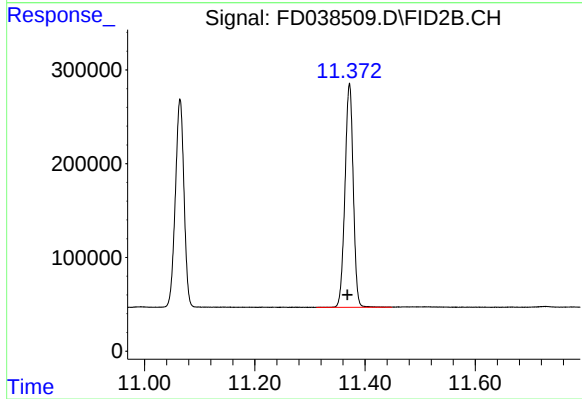
#7 n-Hexadecane (C16)

R.T.: 9.629 min
Delta R.T.: 0.001 min
Response: 2422057
Conc: 19.82 ug/ml



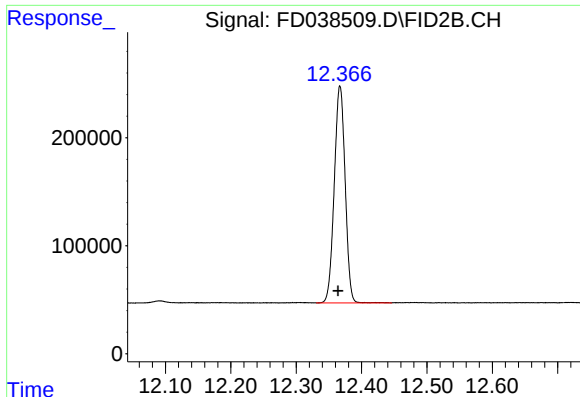
#8 n-Octadecane (C18)

R.T.: 11.064 min
Delta R.T.: 0.002 min
Response: 2430881
Conc: 19.31 ug/ml



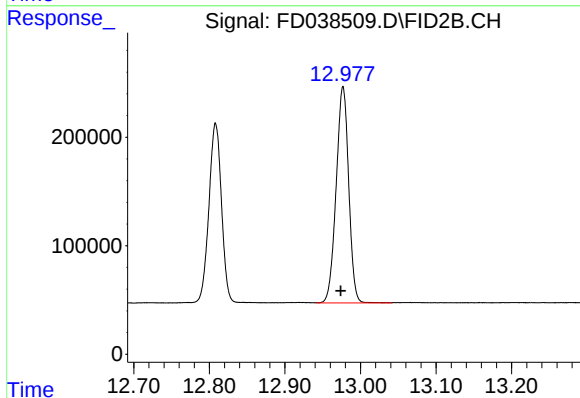
#9 ortho-Terphenyl (SURR)

R.T.: 11.372 min
Delta R.T.: 0.004 min
Response: 2493720
Conc: 18.27 ug/ml



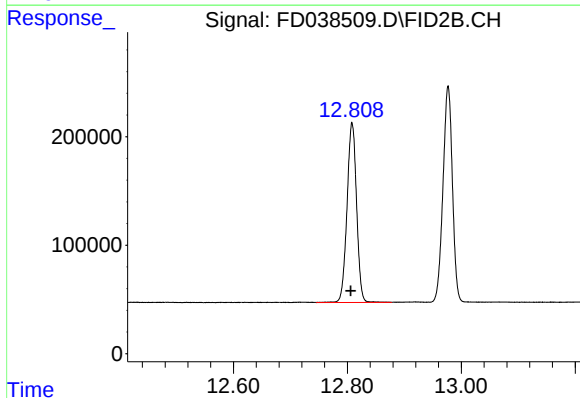
#10 n-Eicosane (C20)

R.T.: 12.367 min
Delta R.T.: 0.003 min
Response: 2323092
Conc: 18.43 ug/ml



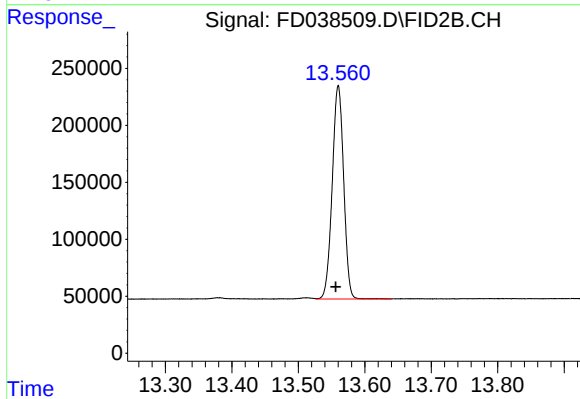
#11 n-Heneicosane (C21)

R.T.: 12.977 min
Delta R.T.: 0.003 min
Response: 2297712
Conc: 18.00 ug/ml



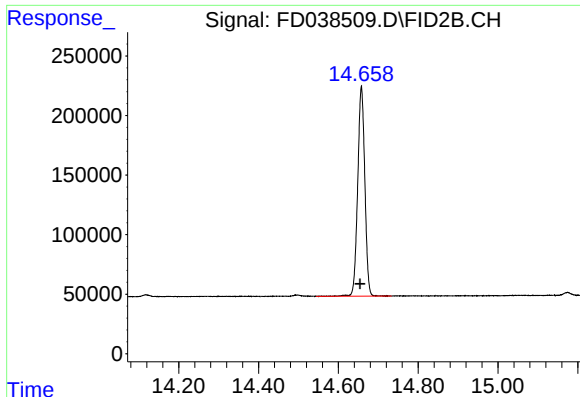
#12 1-chlorooctadecane (SURR)

R.T.: 12.808 min
Delta R.T.: 0.003 min
Response: 1931432
Conc: 17.96 ug/ml



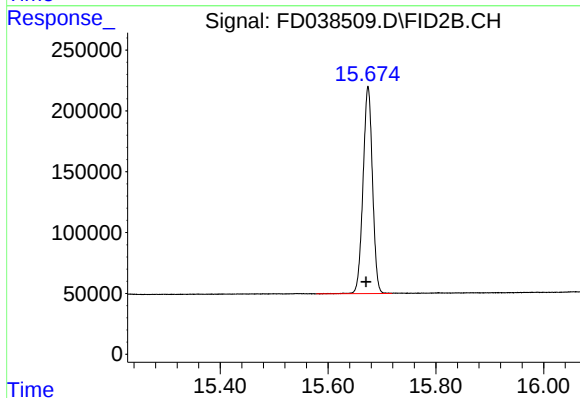
#13 n-Docosane (C22)

R.T.: 13.560 min
Delta R.T.: 0.004 min
Response: 2240262
Conc: 17.60 ug/ml



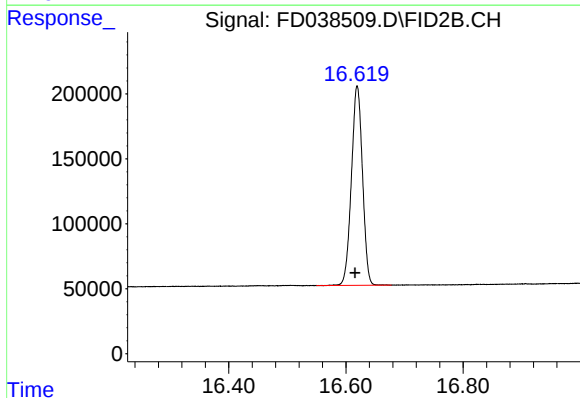
#14 n-Tetracosane (C24)

R.T.: 14.658 min
Delta R.T.: 0.003 min
Response: 2180452
Conc: 16.95 ug/ml



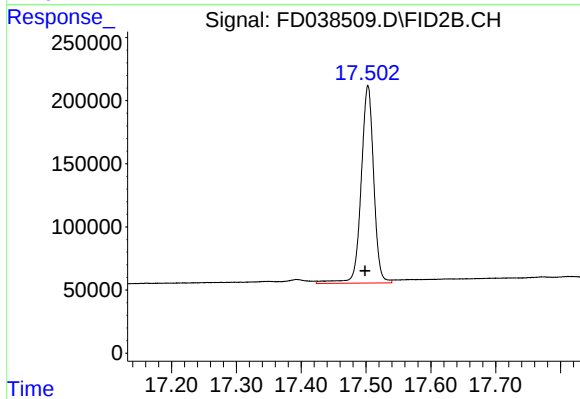
#15 n-Hexacosane (C26)

R.T.: 15.674 min
Delta R.T.: 0.003 min
Response: 2066728
Conc: 16.23 ug/ml



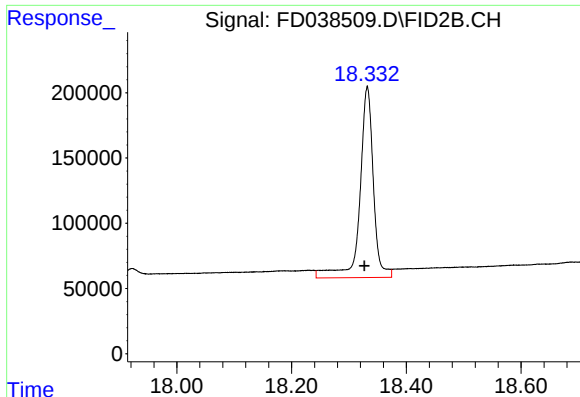
#16 n-Octacosane (C28)

R.T.: 16.619 min
Delta R.T.: 0.004 min
Response: 2017067
Conc: 15.81 ug/ml



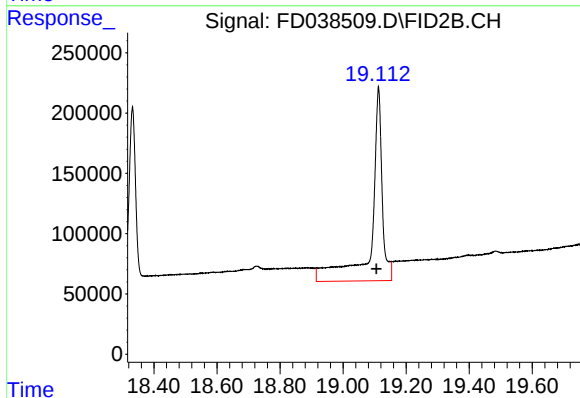
#17 n-Tricontane (C30)

R.T.: 17.503 min
Delta R.T.: 0.005 min
Response: 2110022
Conc: 16.65 ug/ml



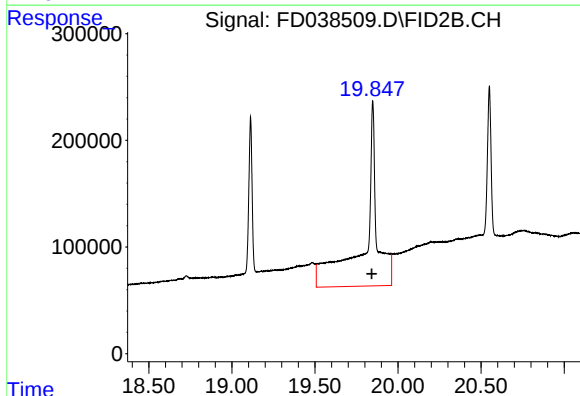
#18 n-Dotriacontane (C32)

R.T.: 18.332 min
Delta R.T.: 0.005 min
Response: 2406230
Conc: 19.58 ug/ml



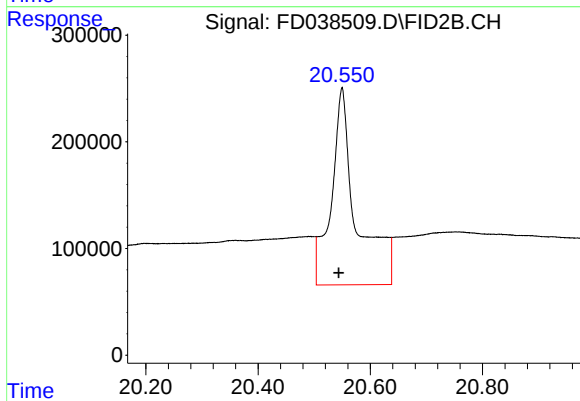
#19 n-Tetratriacontane (C34)

R.T.: 19.112 min
Delta R.T.: 0.007 min
Response: 3853136
Conc: 32.28 ug/ml



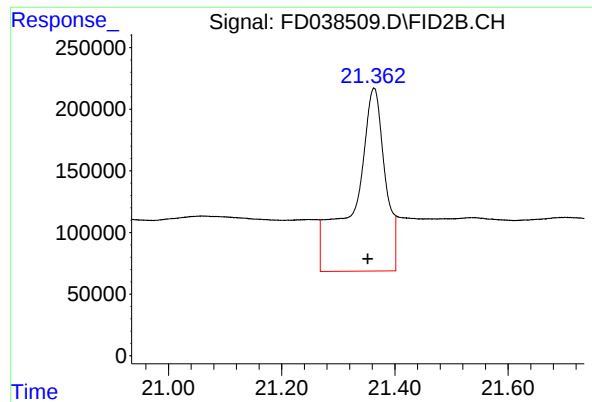
#20 n-Hexatriacontane (C36)

R.T.: 19.848 min
Delta R.T.: 0.005 min
Response: 9380233
Conc: 84.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.550 min
Delta R.T.: 0.006 min
Response: 5710326
Conc: 55.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.363 min
Delta R.T.: 0.011 min
Response: 5695723
Conc: 56.75 ug/ml