

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			
1) T n-Nonane (C9)	3.194	2376983	20.247 ug/mlm
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)	17.502	1975210	15.590 ug/mlm
18) T n-Dotriacontane (C32)	18.332	1947581	15.850 ug/mlm
19) T n-Tetratriacontane (C34)	19.112	2029722	17.006 ug/mlm
20) T n-Hexatriacontane (C36)	19.847	2100842	18.849 ug/mlm
21) T n-Octatriacontane (C38)	20.550	2113761	20.447 ug/mlm
22) T n-Tetracontane (C40)	21.362	2241975	22.337 ug/mlm

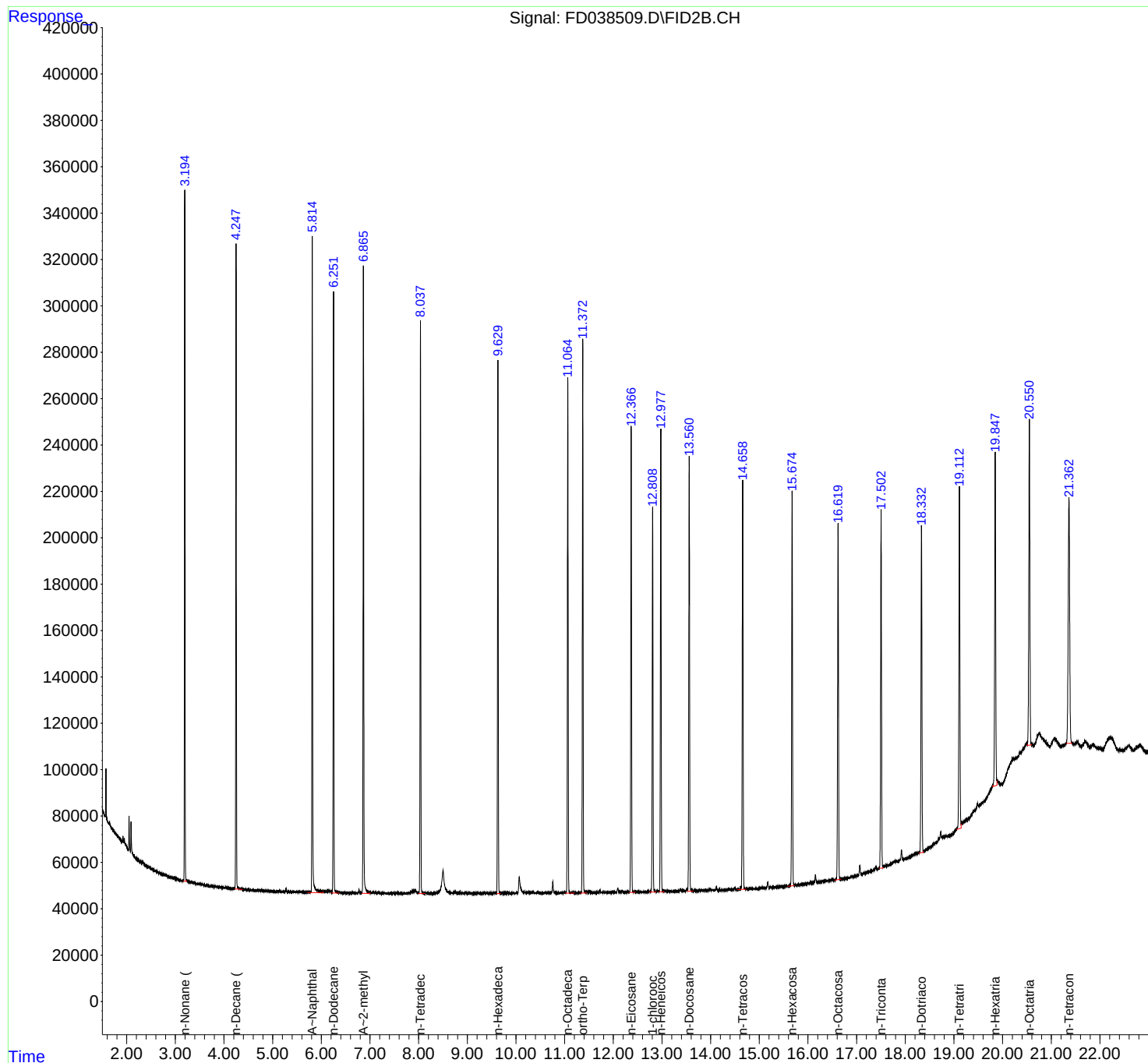
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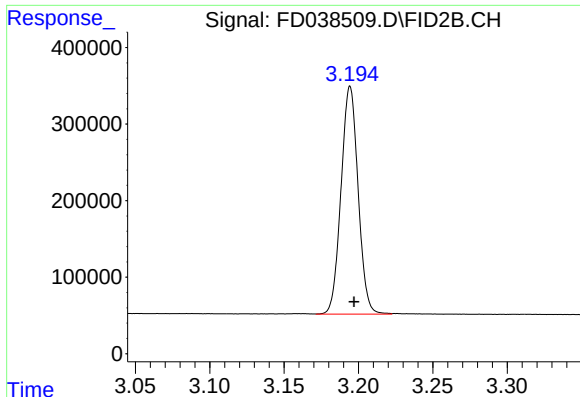
(m)=manual int.

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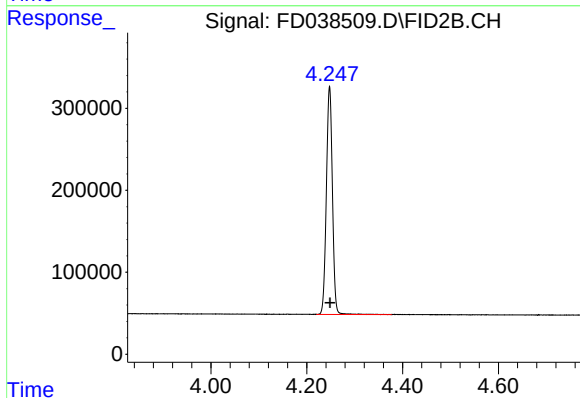
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Signal Info : 20M x 0.18mm x 0.18um





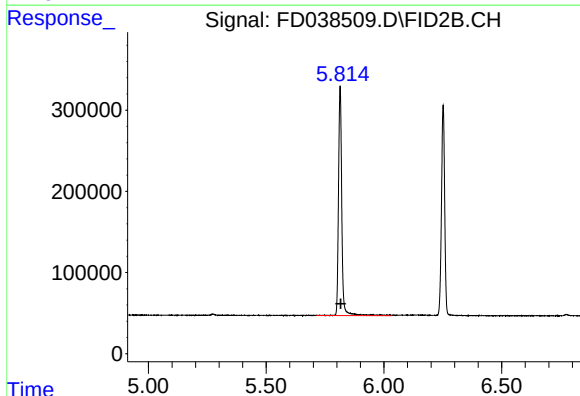
#1 n-Nonane (C9)

R.T.: 3.194 min
Delta R.T.: -0.003 min
Response: 2376983
Conc: 20.25 ug/ml m



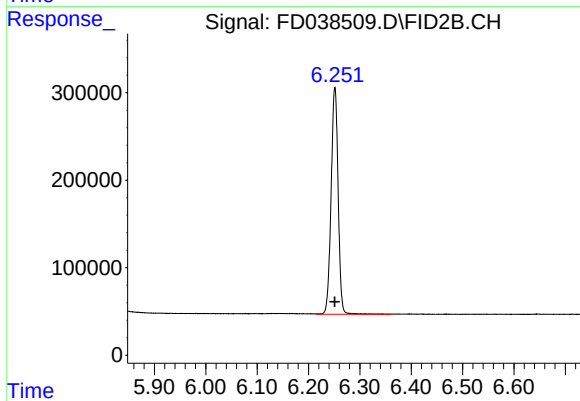
#2 n-Decane (C10)

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



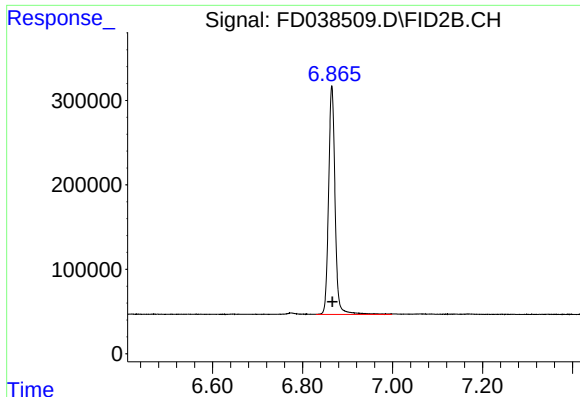
#3 A~Naphthalene (C11.7)

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



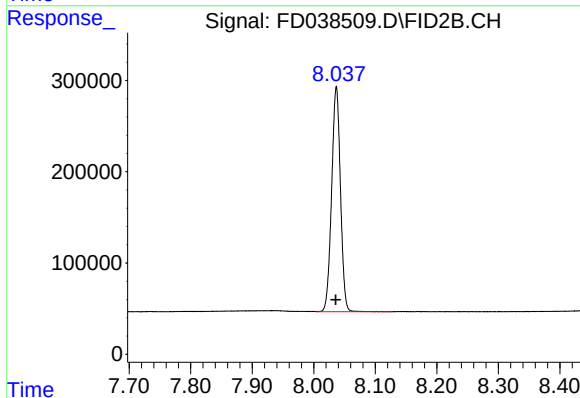
#4 n-Dodecane (C12)

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



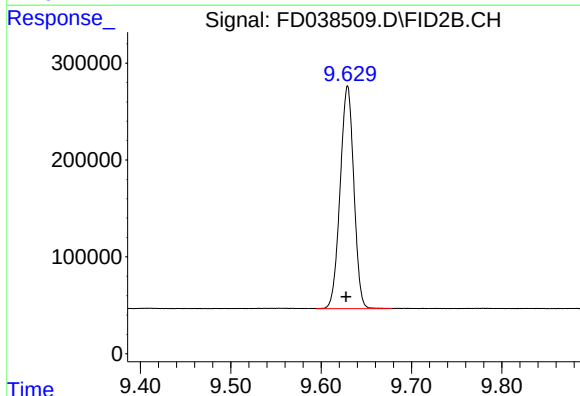
#5 A~2-methylnaphthalene (C12.89)

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



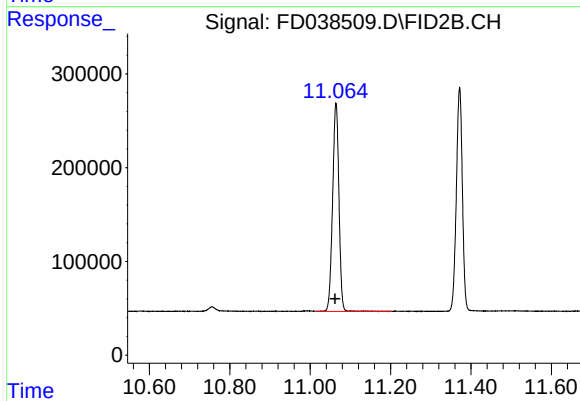
#6 n-Tetradecane (C14)

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



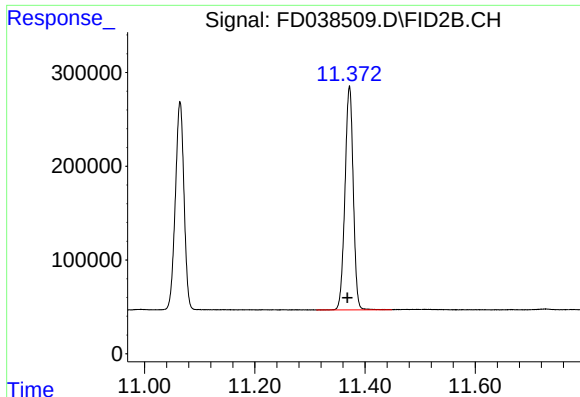
#7 n-Hexadecane (C16)

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



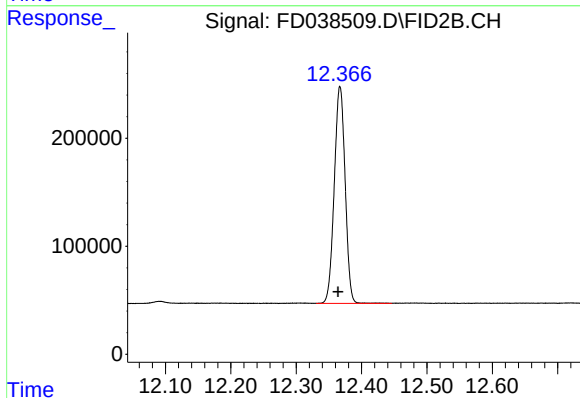
#8 n-Octadecane (C18)

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



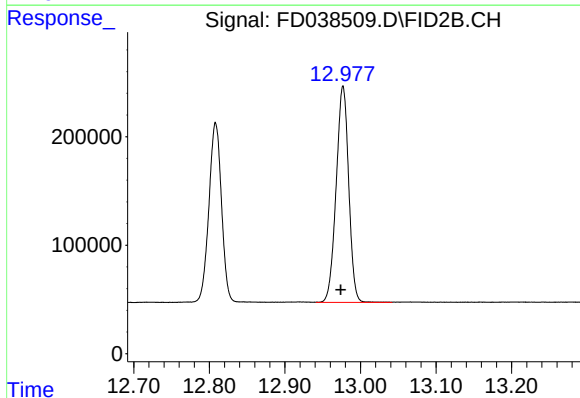
#9 ortho-Terphenyl (SURR)

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



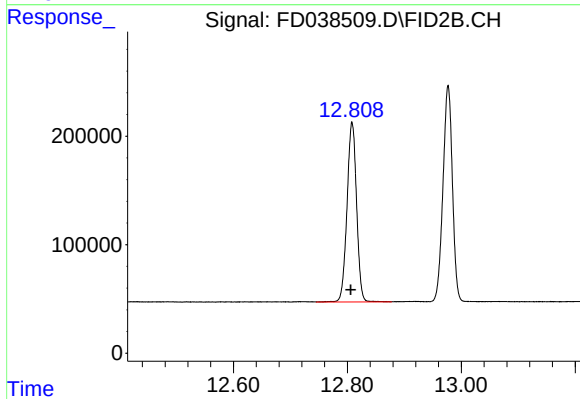
#10 n-Eicosane (C20)

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



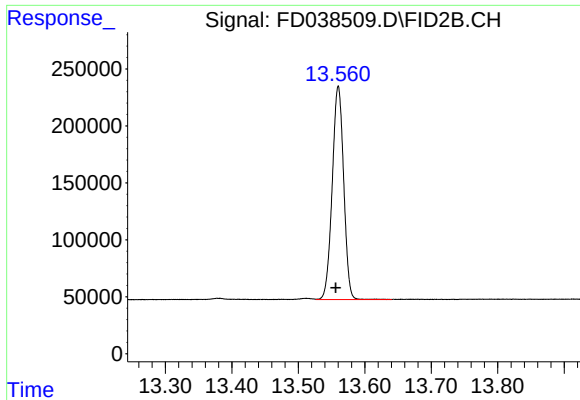
#11 n-Heneicosane (C21)

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



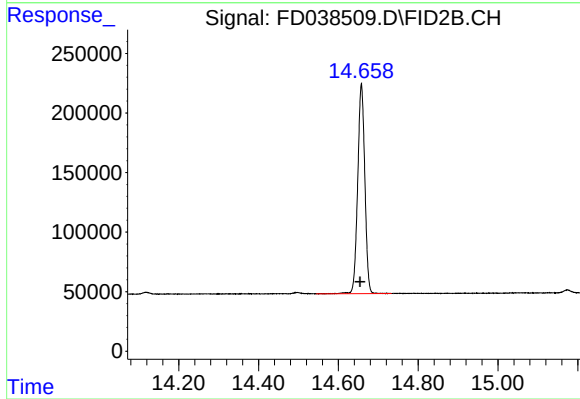
#12 1-chlorooctadecane (SURR)

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



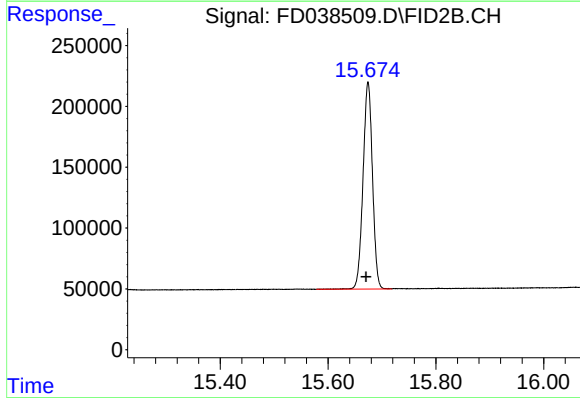
#13 n-Docosane (C22)

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



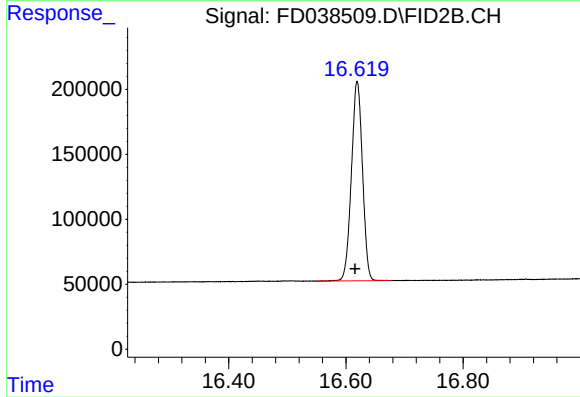
#14 n-Tetracosane (C24)

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



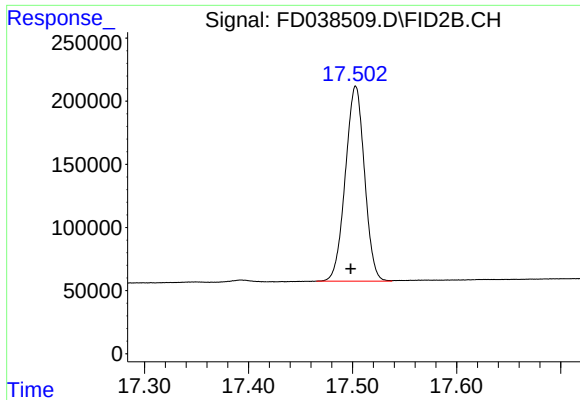
#15 n-Hexacosane (C26)

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



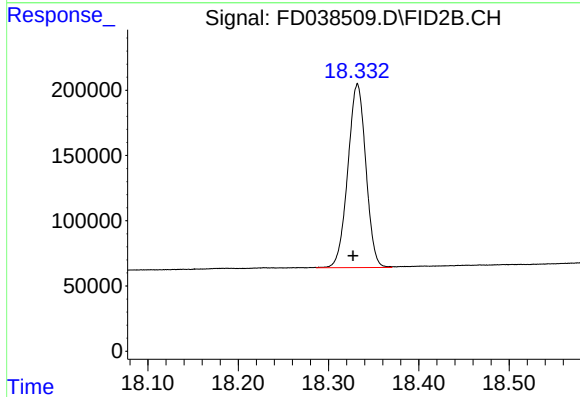
#16 n-Octacosane (C28)

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



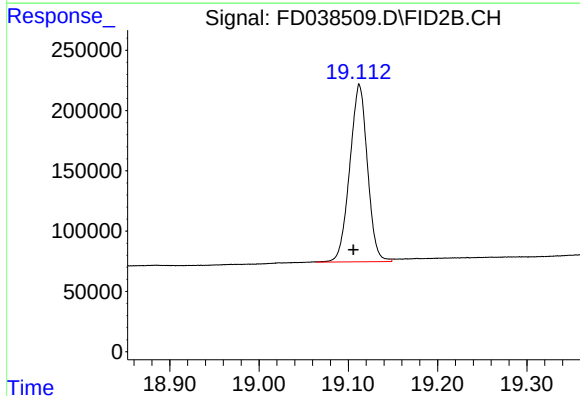
#17 n-Tricontane (C30)

R.T.: 17.502 min
Delta R.T.: 0.004 min
Response: 1975210
Conc: 15.59 ug/ml m



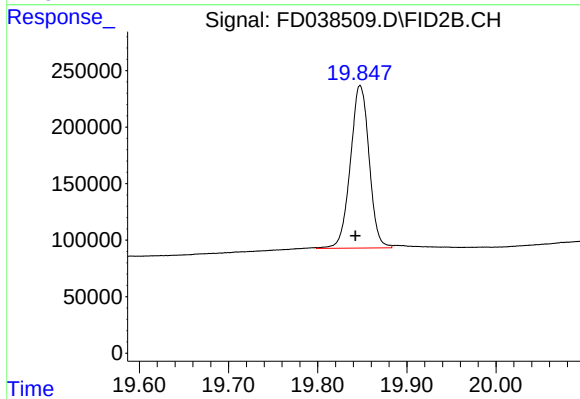
#18 n-Dotriacontane (C32)

R.T.: 18.332 min
Delta R.T.: 0.005 min
Response: 1947581
Conc: 15.85 ug/ml m



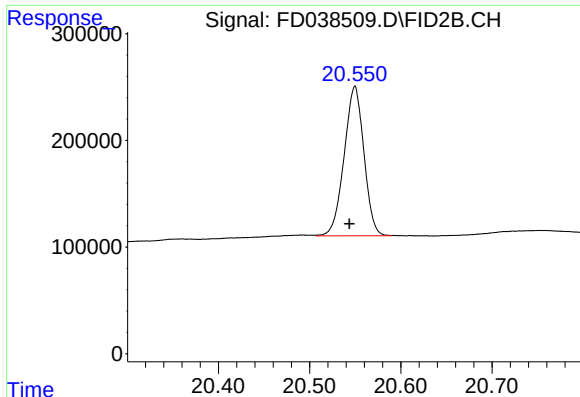
#19 n-Tetratriacontane (C34)

R.T.: 19.112 min
Delta R.T.: 0.006 min
Response: 2029722
Conc: 17.01 ug/ml m



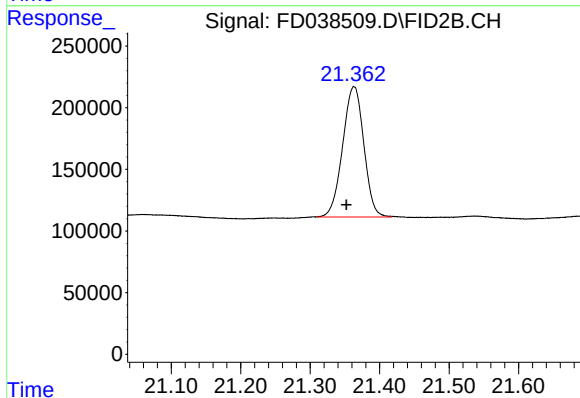
#20 n-Hexatriacontane (C36)

R.T.: 19.847 min
Delta R.T.: 0.005 min
Response: 2100842
Conc: 18.85 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.550 min
Delta R.T.: 0.006 min
Response: 2113761
Conc: 20.45 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.362 min
Delta R.T.: 0.010 min
Response: 2241975
Conc: 22.34 ug/ml m