

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040821AL\
 Data File : FD036809.D
 Signal(s) : FID2B.CH
 Acq On : 09 Apr 2021 9:28
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 09 09:57:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 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)	11.496	2799928	18.896 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
12) S 1-chlorooctadecane (S...	12.928	2157812	18.541 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
Target Compounds			
1) T n-Nonane (C9)	3.292	2821734	22.198 ug/ml
2) T n-Decane (C10)	4.353	2877828	22.334 ug/ml
3) T A~Naphthalene (C11.7)	5.929	3195299	21.885 ug/ml
4) T n-Dodecane (C12)	6.364	2931819	22.117 ug/ml
5) T A~2-methylnaphthalene...	6.982	3226569	21.550 ug/ml
6) T n-Tetradecane (C14)	8.153	2892905	21.284 ug/ml
7) T n-Hexadecane (C16)	9.747	2767946	20.784 ug/ml
8) T n-Octadecane (C18)	11.182	2759366	19.920 ug/ml
10) T n-Eicosane (C20)	12.486	2635894	19.068 ug/ml
11) T n-Heneicosane (C21)	13.095	2547251	18.502 ug/ml
13) T n-Docosane (C22)	13.679	2519938	18.526 ug/ml
14) T n-Tetracosane (C24)	14.775	2461636	18.567 ug/ml
15) T n-Hexacosane (C26)	15.790	2370998	18.726 ug/ml
16) T n-Octacosane (C28)	16.734	2339286	19.397 ug/ml
17) T n-Tricontane (C30)	17.617	2321069	20.205 ug/ml
18) T n-Dotriacontane (C32)	18.444	2272264	20.659 ug/ml
19) T n-Tetratriacontane (C34)	19.223	2189749	21.321 ug/ml
20) T n-Hexatriacontane (C36)	19.958	2084319	21.332 ug/ml
21) T n-Octatriacontane (C38)	20.669	2092583	22.633 ug/ml
22) T n-Tetracontane (C40)	21.522	2076612	20.588 ug/ml

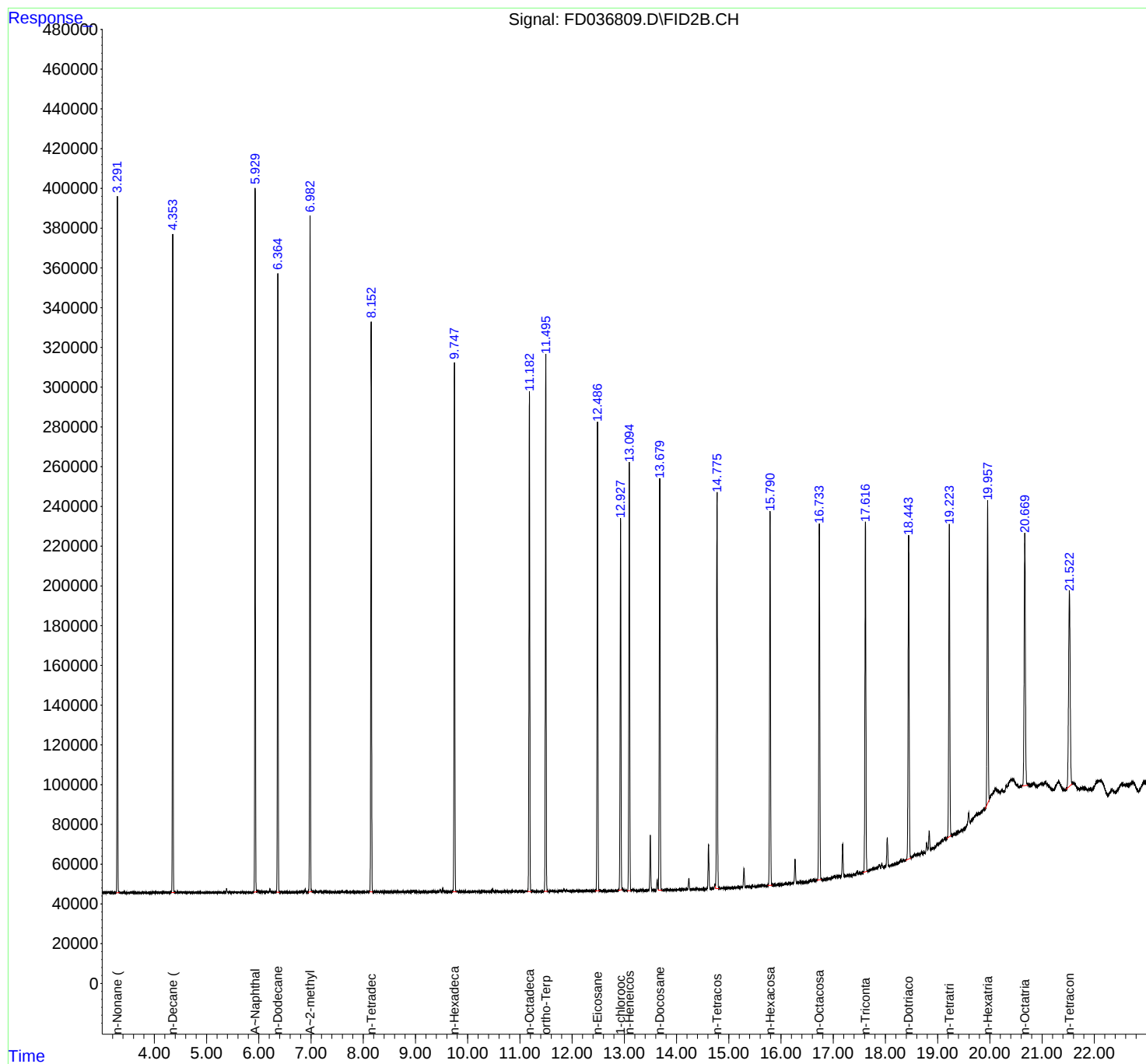
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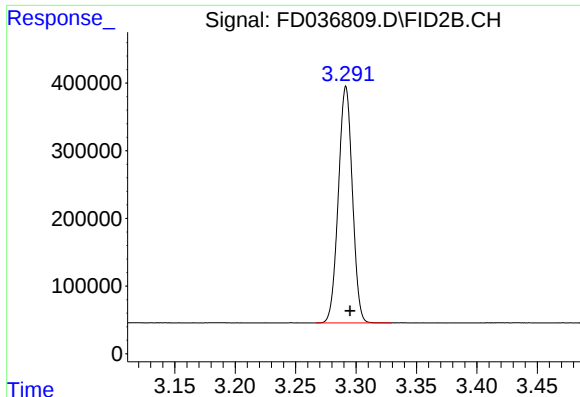
(m)=manual int.

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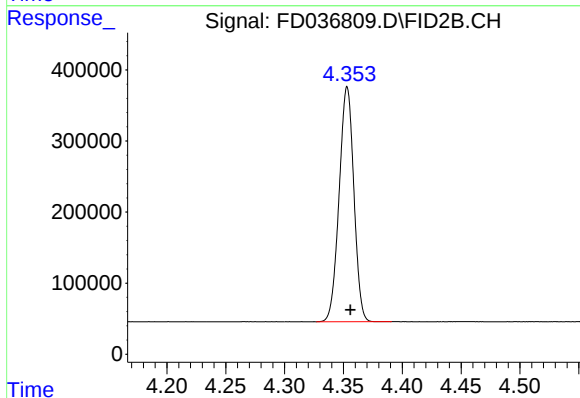
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Signal Info : 20M x 0.18mm x 0.18um





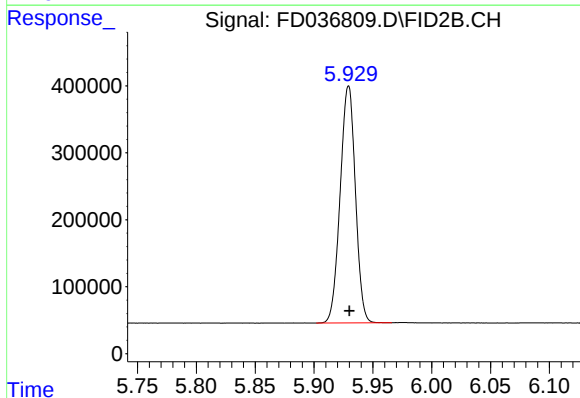
#1 n-Nonane (C9)

R.T.: 3.292 min
Delta R.T.: -0.003 min
Response: 2821734
Conc: 22.20 ug/ml



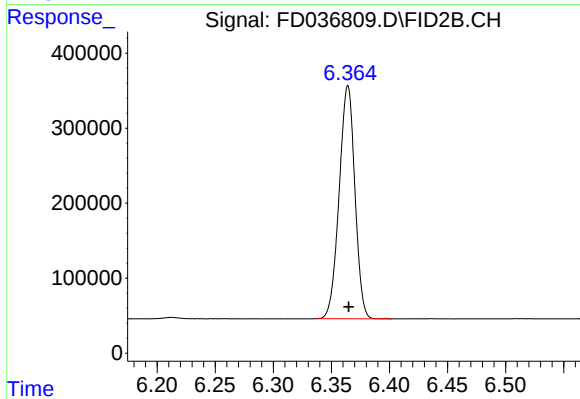
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: -0.003 min
Response: 2877828
Conc: 22.33 ug/ml



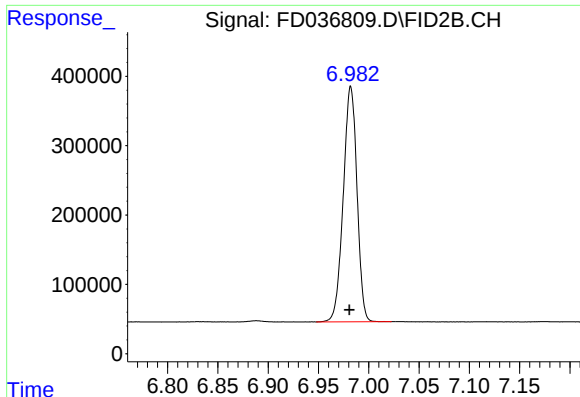
#3 A~Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 3195299
Conc: 21.88 ug/ml



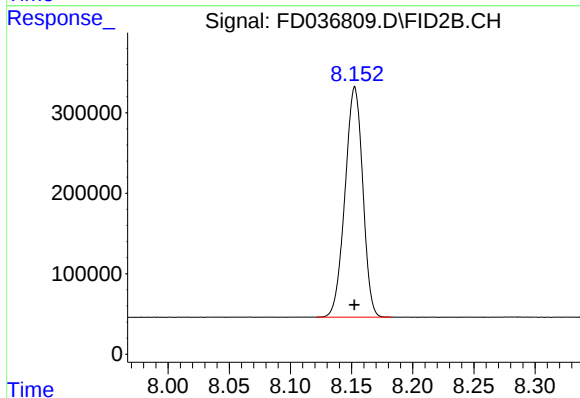
#4 n-Dodecane (C12)

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 2931819
Conc: 22.12 ug/ml



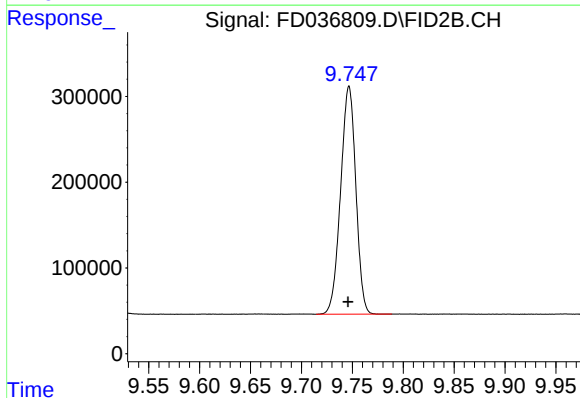
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.001 min
Response: 3226569
Conc: 21.55 ug/ml



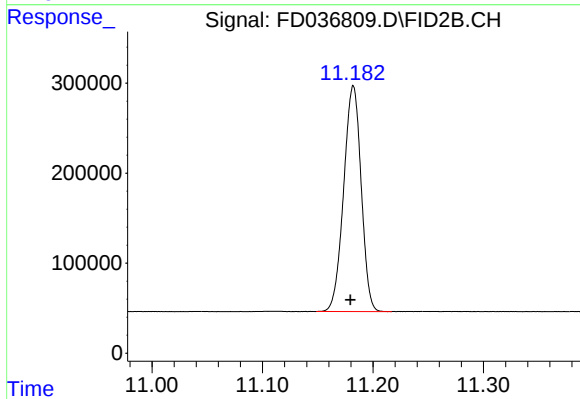
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 2892905
Conc: 21.28 ug/ml



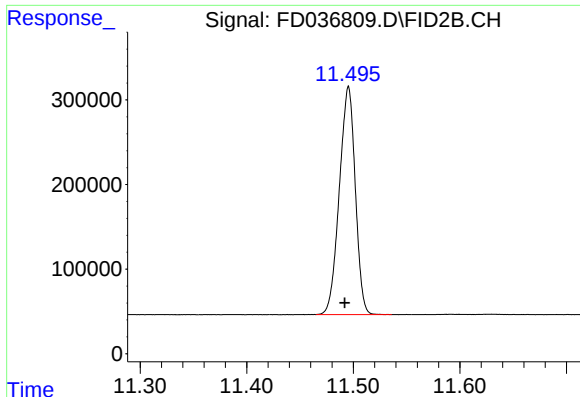
#7 n-Hexadecane (C16)

R.T.: 9.747 min
Delta R.T.: 0.001 min
Response: 2767946
Conc: 20.78 ug/ml



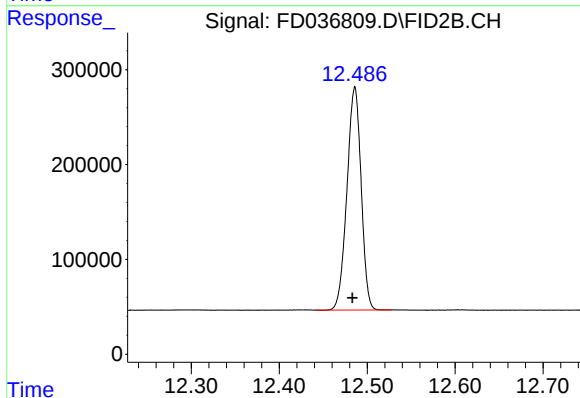
#8 n-Octadecane (C18)

R.T.: 11.182 min
Delta R.T.: 0.003 min
Response: 2759366
Conc: 19.92 ug/ml



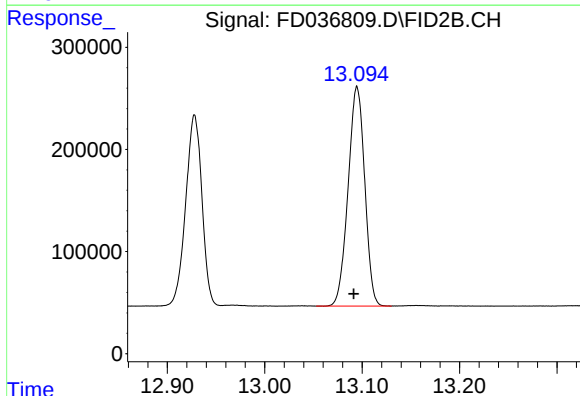
#9 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: 0.004 min
Response: 2799928
Conc: 18.90 ug/ml



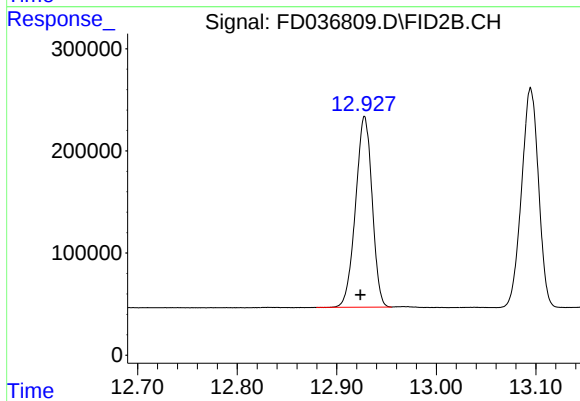
#10 n-Eicosane (C20)

R.T.: 12.486 min
Delta R.T.: 0.003 min
Response: 2635894
Conc: 19.07 ug/ml



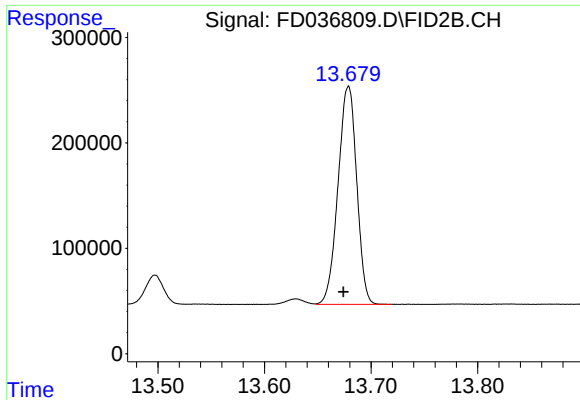
#11 n-Heneicosane (C21)

R.T.: 13.095 min
Delta R.T.: 0.003 min
Response: 2547251
Conc: 18.50 ug/ml



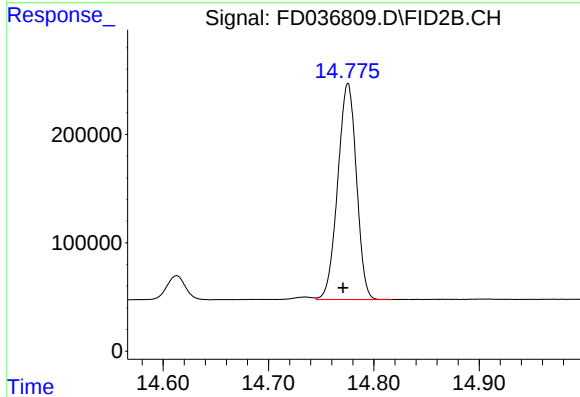
#12 1-chlorooctadecane (SURR)

R.T.: 12.928 min
Delta R.T.: 0.004 min
Response: 2157812
Conc: 18.54 ug/ml



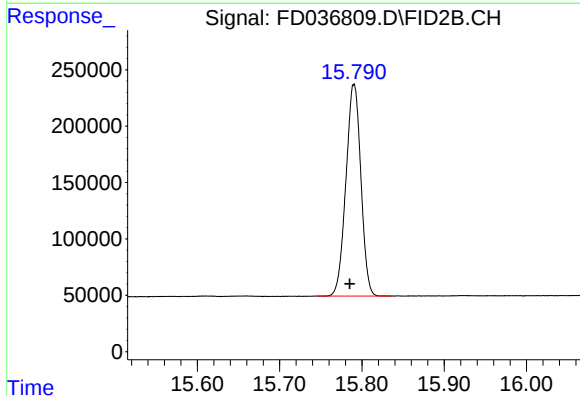
#13 n-Docosane (C22)

R.T.: 13.679 min
Delta R.T.: 0.005 min
Response: 2519938
Conc: 18.53 ug/ml



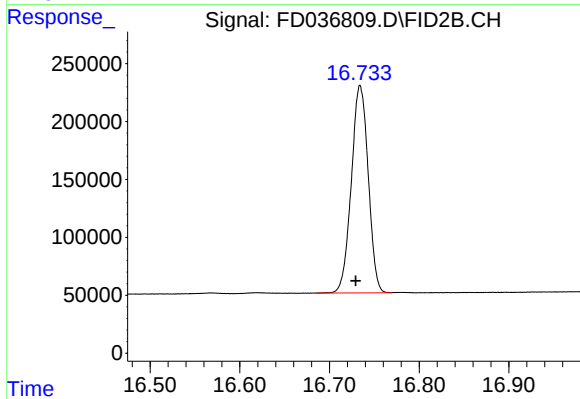
#14 n-Tetracosane (C24)

R.T.: 14.775 min
Delta R.T.: 0.005 min
Response: 2461636
Conc: 18.57 ug/ml



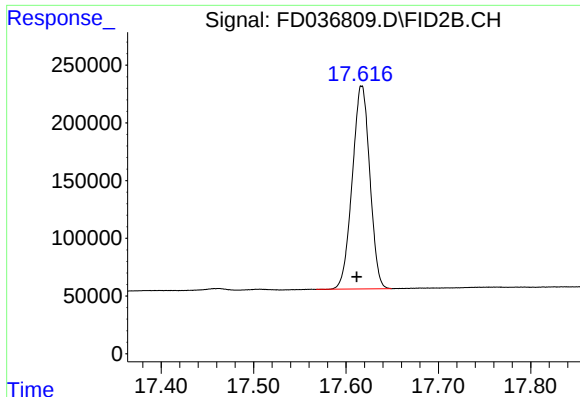
#15 n-Hexacosane (C26)

R.T.: 15.790 min
Delta R.T.: 0.005 min
Response: 2370998
Conc: 18.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.734 min
Delta R.T.: 0.005 min
Response: 2339286
Conc: 19.40 ug/ml



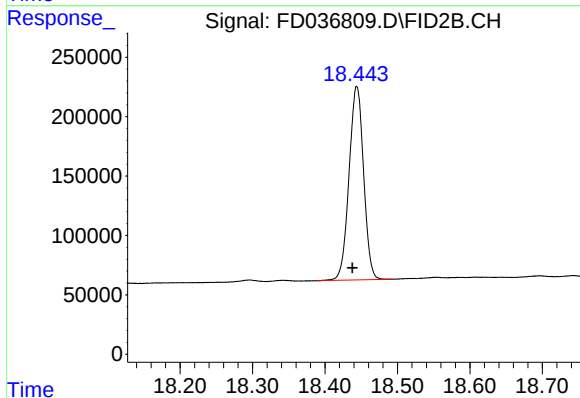
#17 n-Tricontane (C30)

R.T.: 17.617 min

Delta R.T.: 0.006 min

Response: 2321069

Conc: 20.21 ug/ml



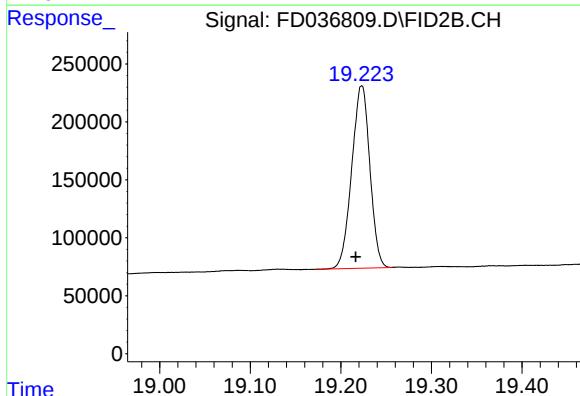
#18 n-Dotriacontane (C32)

R.T.: 18.444 min

Delta R.T.: 0.006 min

Response: 2272264

Conc: 20.66 ug/ml



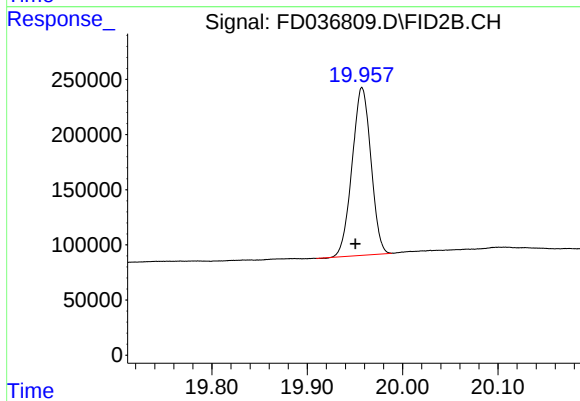
#19 n-Tetratriacontane (C34)

R.T.: 19.223 min

Delta R.T.: 0.007 min

Response: 2189749

Conc: 21.32 ug/ml



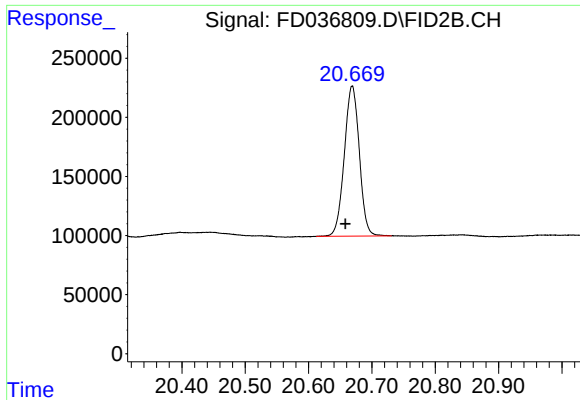
#20 n-Hexatriacontane (C36)

R.T.: 19.958 min

Delta R.T.: 0.007 min

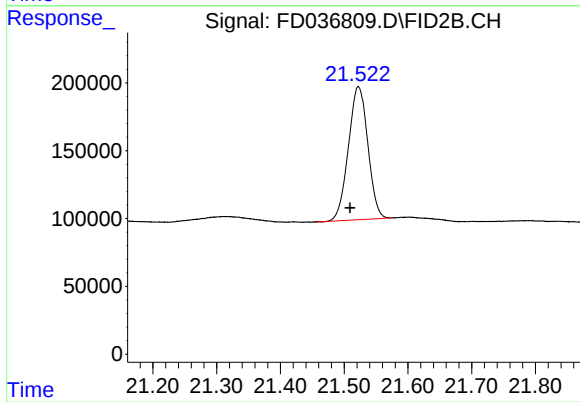
Response: 2084319

Conc: 21.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.669 min
Delta R.T.: 0.011 min
Response: 2092583
Conc: 22.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.522 min
Delta R.T.: 0.013 min
Response: 2076612
Conc: 20.59 ug/ml