

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122721AL\
 Data File : FD040213.D
 Signal(s) : FID2B.CH
 Acq On : 28 Dec 2021 9:20
 Operator : AJ\MA
 Sample : M5237-03
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 28 10:23:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122321.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 13:40:18 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)	10.737	3854236	25.574 ug/ml
Spiked Amount 50.000		Recovery =	51.15%
12) S 1-chlorooctadecane (S...	12.173	3374215	28.577 ug/ml
Spiked Amount 50.000		Recovery =	57.15%
Target Compounds			
5) T A~2-methylnaphthalene...	6.225	52309	0.351 ug/ml
6) T n-Tetradecane (C14)	7.397	83148	0.631 ug/ml
7) T n-Hexadecane (C16)	8.993	102379	0.768 ug/ml
8) T n-Octadecane (C18)	10.454	70801	0.509 ug/ml
10) T n-Eicosane (C20)	11.652f	288207	2.057 ug/ml
11) T n-Heneicosane (C21)	12.277f	225402	1.586 ug/ml
13) T n-Docosane (C22)	12.873	1391314	9.823 ug/ml
14) T n-Tetracosane (C24)	13.996	605871	4.249 ug/ml
15) T n-Hexacosane (C26)	15.037	136172	1.003 ug/ml
16) T n-Octacosane (C28)	16.028f	129539	1.009 ug/ml
18) T n-Dotriacontane (C32)	17.688	143672	1.275 ug/ml
19) T n-Tetratriacontane (C34)	18.481	117501	1.075 ug/ml
20) T n-Hexatriacontane (C36)	19.177	87742	0.856 ug/ml
21) T n-Octatriacontane (C38)	19.951	329405	3.435 ug/ml

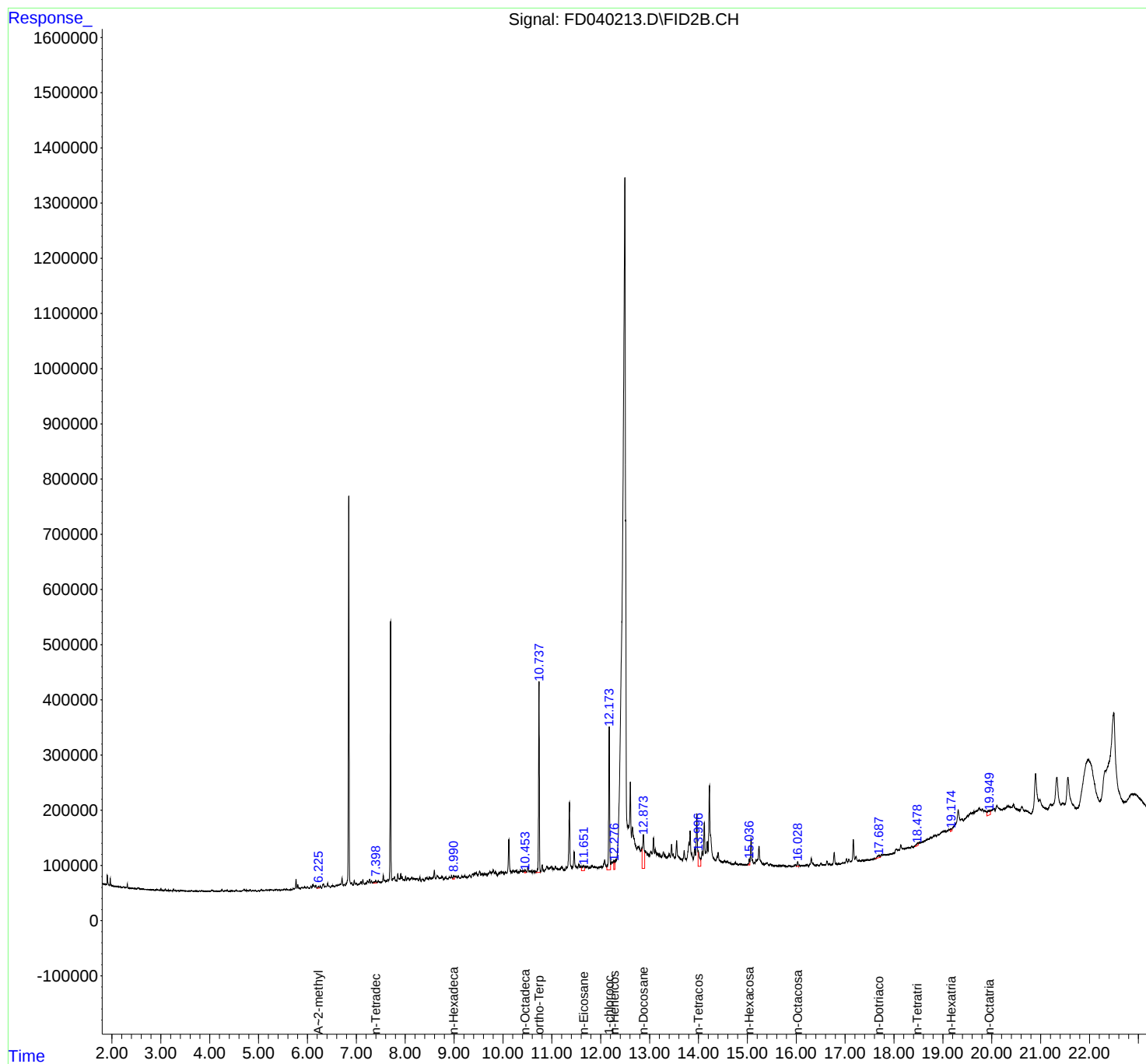
(f)=RT Delta > 1/2 Window

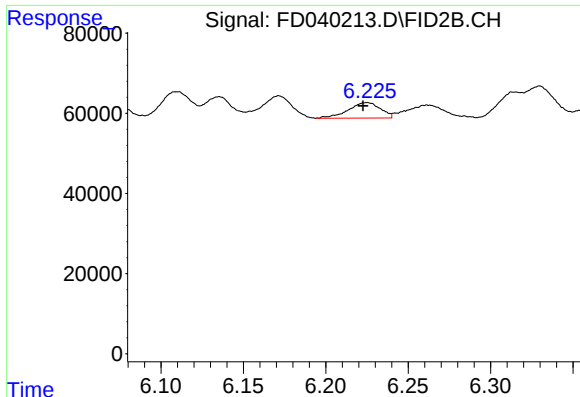
(m)=manual int.

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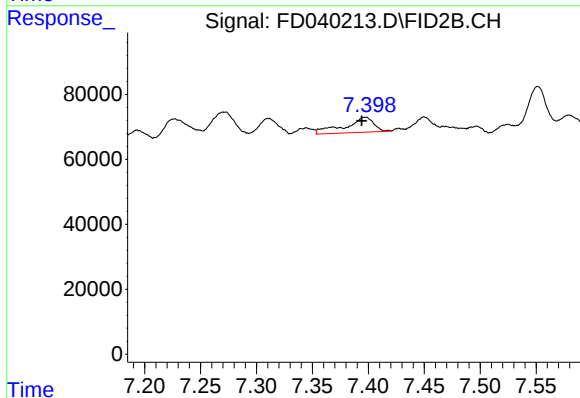
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Signal Info : 20M x 0.18mm x 0.18um





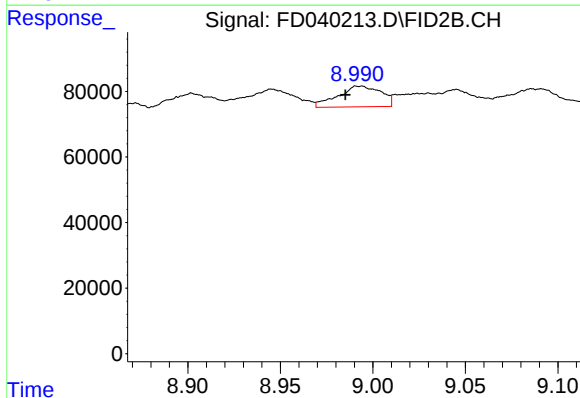
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.225 min
Delta R.T.: 0.002 min
Response: 52309
Conc: 0.35 ug/ml



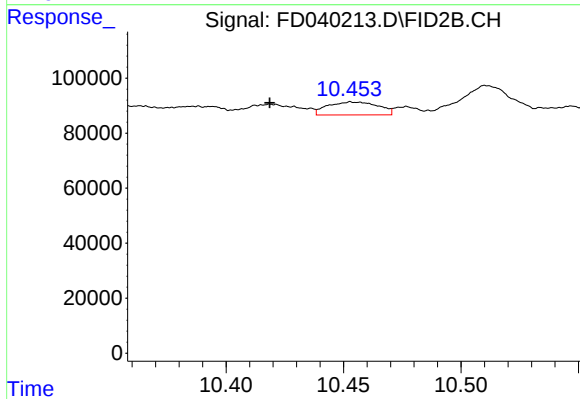
#6 n-Tetradecane (C14)

R.T.: 7.397 min
Delta R.T.: 0.003 min
Response: 83148
Conc: 0.63 ug/ml



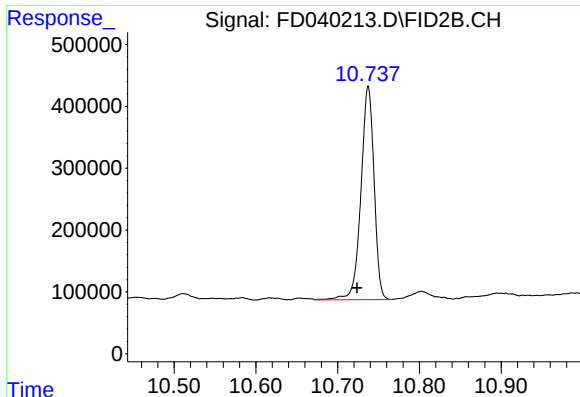
#7 n-Hexadecane (C16)

R.T.: 8.993 min
Delta R.T.: 0.008 min
Response: 102379
Conc: 0.77 ug/ml



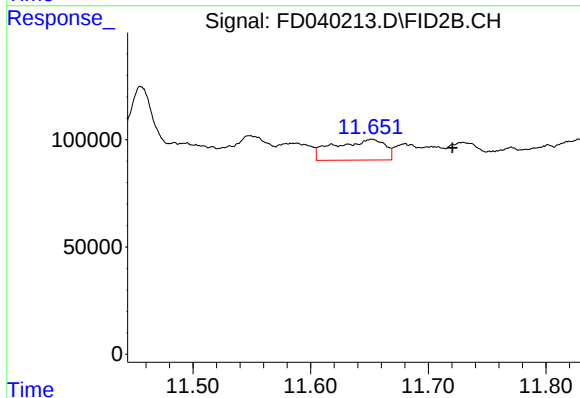
#8 n-Octadecane (C18)

R.T.: 10.454 min
Delta R.T.: 0.035 min
Response: 70801
Conc: 0.51 ug/ml



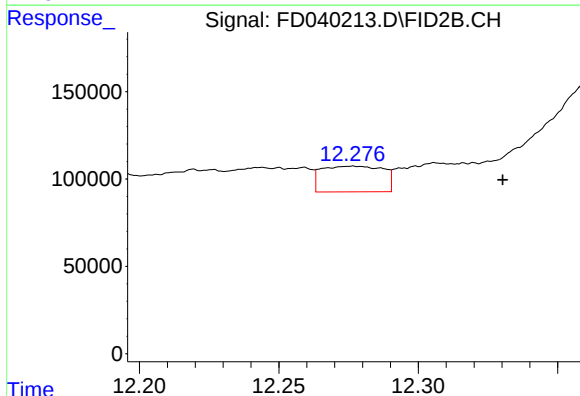
#9 ortho-Terphenyl (SURR)

R.T.: 10.737 min
Delta R.T.: 0.014 min
Response: 3854236
Conc: 25.57 ug/ml



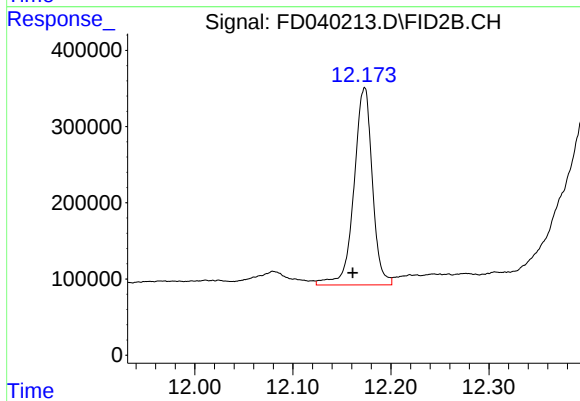
#10 n-Eicosane (C20)

R.T.: 11.652 min
Delta R.T.: -0.068 min
Response: 288207
Conc: 2.06 ug/ml



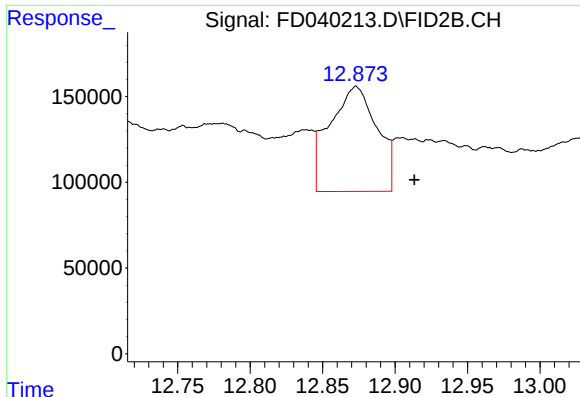
#11 n-Heneicosane (C21)

R.T.: 12.277 min
Delta R.T.: -0.054 min
Response: 225402
Conc: 1.59 ug/ml



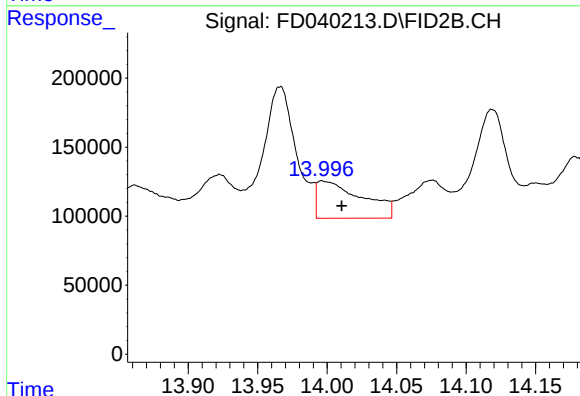
#12 1-chlorooctadecane (SURR)

R.T.: 12.173 min
Delta R.T.: 0.012 min
Response: 3374215
Conc: 28.58 ug/ml



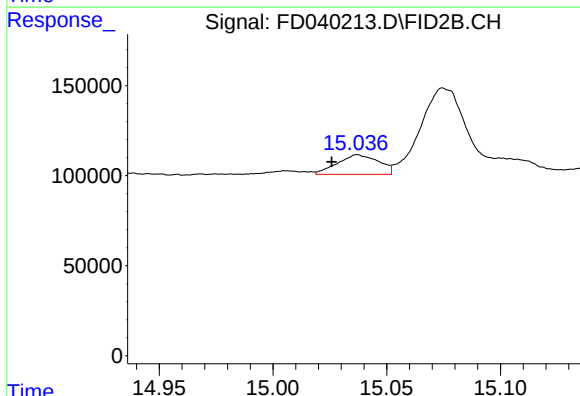
#13 n-Docosane (C22)

R.T.: 12.873 min
Delta R.T.: -0.040 min
Response: 1391314
Conc: 9.82 ug/ml



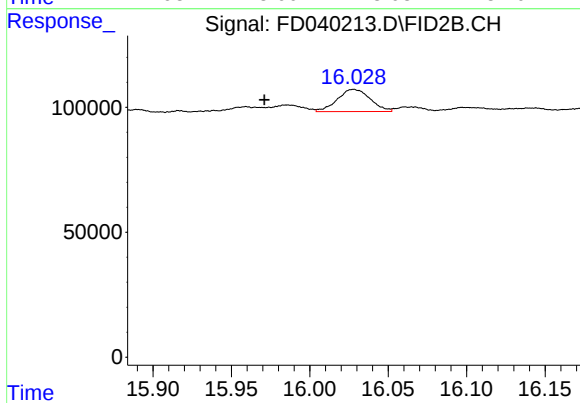
#14 n-Tetracosane (C24)

R.T.: 13.996 min
Delta R.T.: -0.014 min
Response: 605871
Conc: 4.25 ug/ml



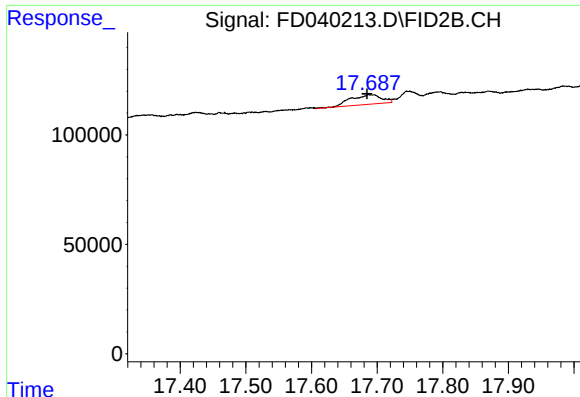
#15 n-Hexacosane (C26)

R.T.: 15.037 min
Delta R.T.: 0.011 min
Response: 136172
Conc: 1.00 ug/ml



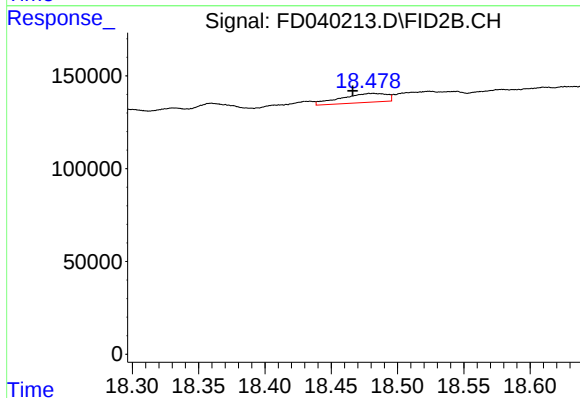
#16 n-Octacosane (C28)

R.T.: 16.028 min
Delta R.T.: 0.057 min
Response: 129539
Conc: 1.01 ug/ml



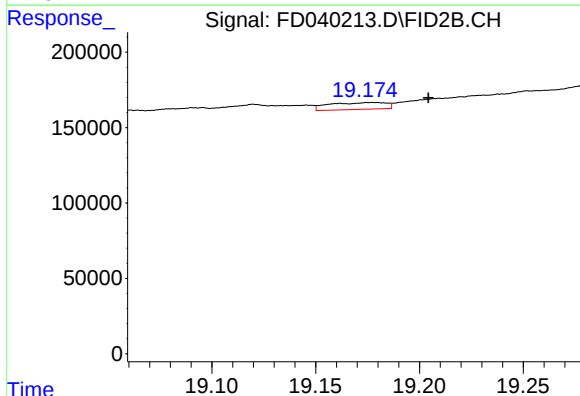
#18 n-Dotriacontane (C32)

R.T.: 17.688 min
Delta R.T.: 0.003 min
Response: 143672
Conc: 1.27 ug/ml



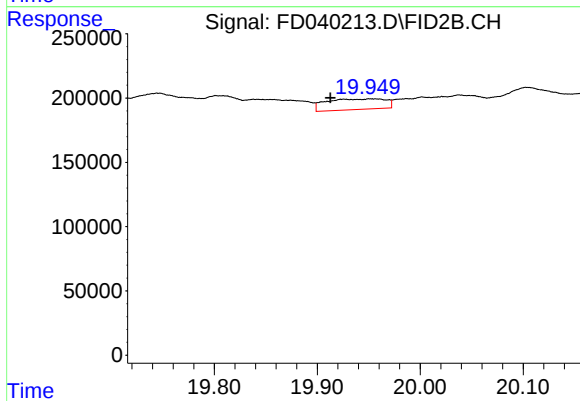
#19 n-Tetatriacontane (C34)

R.T.: 18.481 min
Delta R.T.: 0.015 min
Response: 117501
Conc: 1.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.177 min
Delta R.T.: -0.027 min
Response: 87742
Conc: 0.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.951 min
Delta R.T.: 0.038 min
Response: 329405
Conc: 3.44 ug/ml