

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122721AL\
 Data File : FD040210.D
 Signal(s) : FID2B.CH
 Acq On : 28 Dec 2021 7:40
 Operator : AJ\MA
 Sample : M5238-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 28 08:38:56 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)	10.734	5498247	36.482 ug/ml
Spiked Amount 50.000		Recovery =	72.96%
12) S 1-chlorooctadecane (S...	12.169	4477977	37.926 ug/ml
Spiked Amount 50.000		Recovery =	75.85%
Target Compounds			
3) T A~Naphthalene (C11.7)	5.187	164924	1.109 ug/ml
5) T A~2-methylnaphthalene...	6.229	161590	1.085 ug/ml
6) T n-Tetradecane (C14)	7.397	50461	0.383 ug/ml
7) T n-Hexadecane (C16)	8.987	441466	3.313 ug/ml
8) T n-Octadecane (C18)	10.421	94147	0.676 ug/ml
10) T n-Eicosane (C20)	11.722	236920	1.691 ug/ml
11) T n-Heneicosane (C21)	12.328	553334	3.895 ug/ml
13) T n-Docosane (C22)	12.922	1174166	8.290 ug/ml
14) T n-Tetracosane (C24)	13.973	3324493	23.313 ug/ml
15) T n-Hexacosane (C26)	15.028	116045	0.854 ug/ml
16) T n-Octacosane (C28)	15.985	225286	1.755 ug/ml
17) T n-Tricontane (C30)	16.849	218265	1.817 ug/ml
18) T n-Dotriacontane (C32)	17.693	347404	3.083 ug/ml
19) T n-Tetratriacontane (C34)	18.482	452142	4.136 ug/ml
20) T n-Hexatriacontane (C36)	19.219	1354116	13.217 ug/ml
21) T n-Octatriacontane (C38)	19.922	759559	7.921 ug/ml
22) T n-Tetracontane (C40)	20.750	160763	2.068 ug/ml

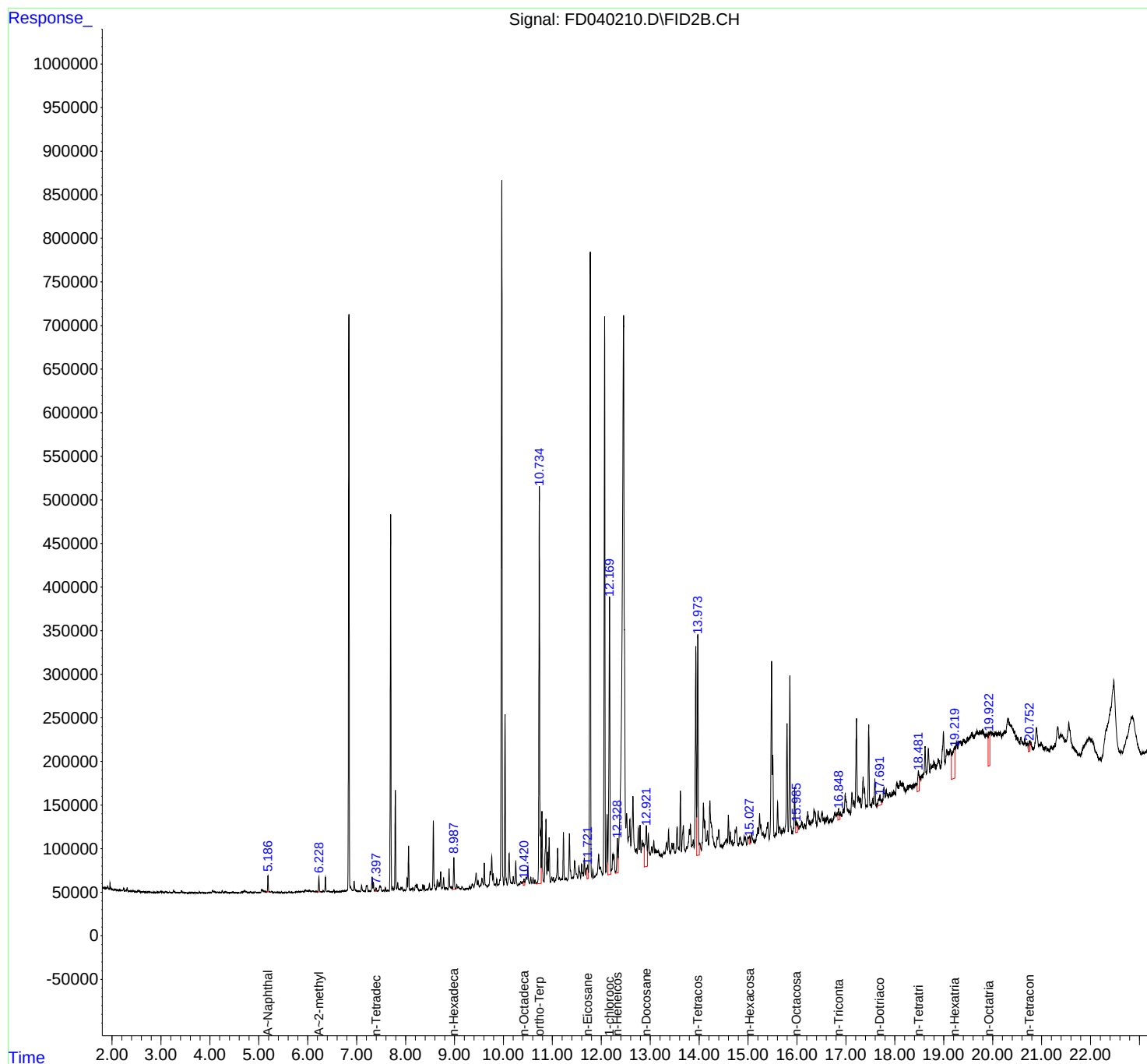
(f)=RT Delta > 1/2 Window

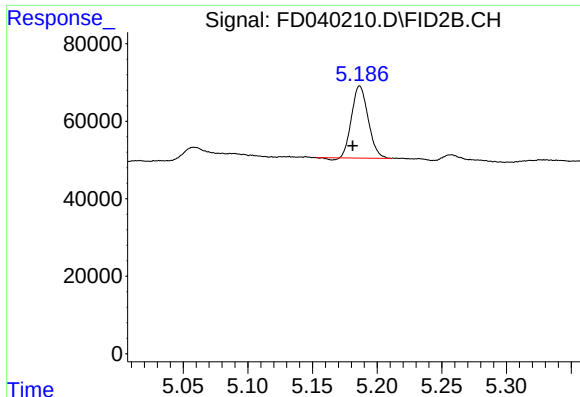
(m)=manual int.

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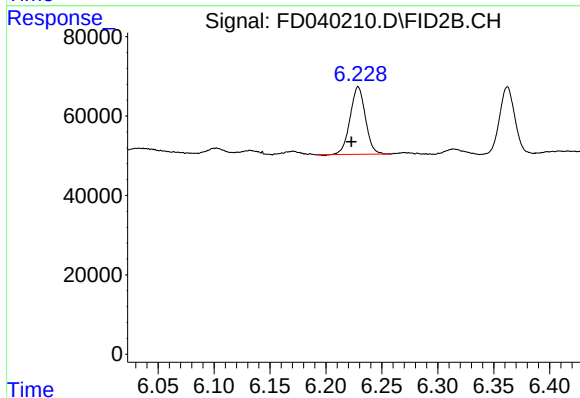
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Signal Info : 20M x 0.18mm x 0.18um





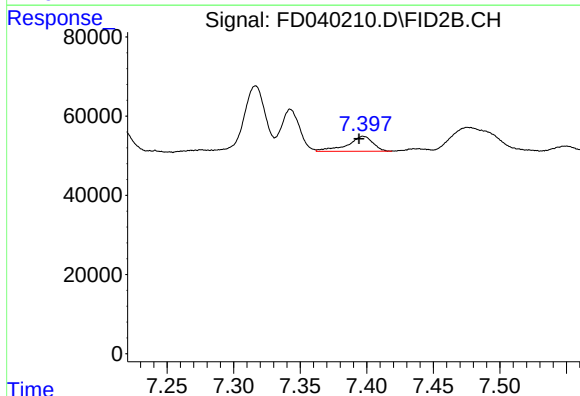
#3 A~Naphthalene (C11.7)

R.T.: 5.187 min
Delta R.T.: 0.005 min
Response: 164924
Conc: 1.11 ug/ml



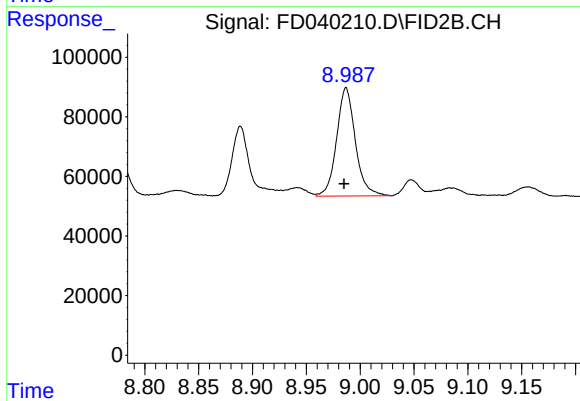
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.229 min
Delta R.T.: 0.006 min
Response: 161590
Conc: 1.08 ug/ml



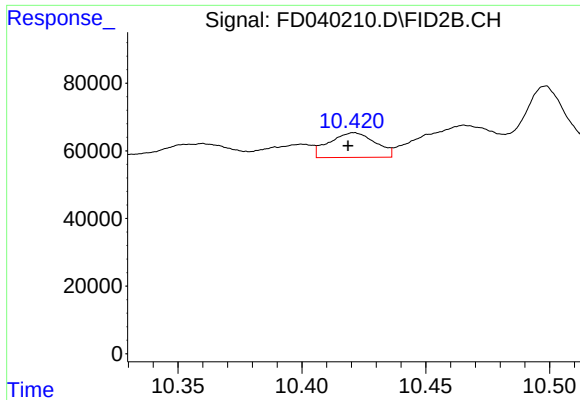
#6 n-Tetradecane (C14)

R.T.: 7.397 min
Delta R.T.: 0.003 min
Response: 50461
Conc: 0.38 ug/ml



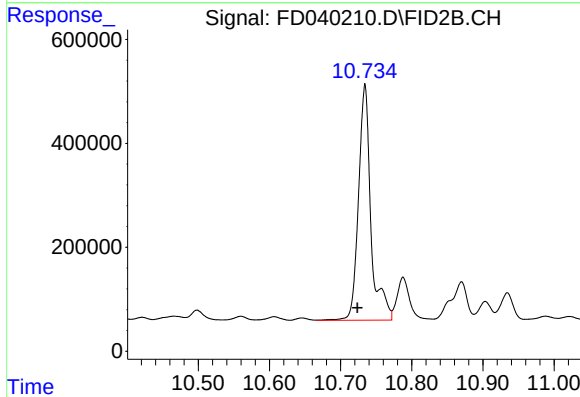
#7 n-Hexadecane (C16)

R.T.: 8.987 min
Delta R.T.: 0.002 min
Response: 441466
Conc: 3.31 ug/ml



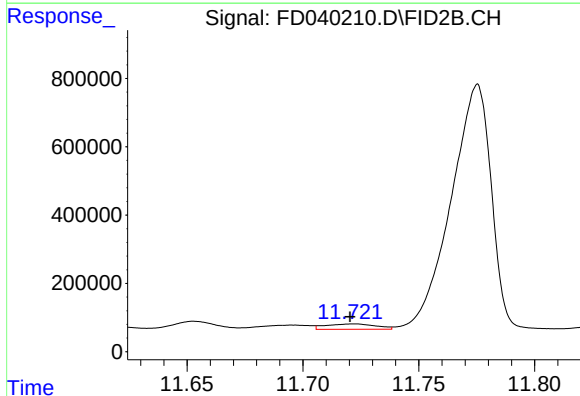
#8 n-Octadecane (C18)

R.T.: 10.421 min
Delta R.T.: 0.003 min
Response: 94147
Conc: 0.68 ug/ml



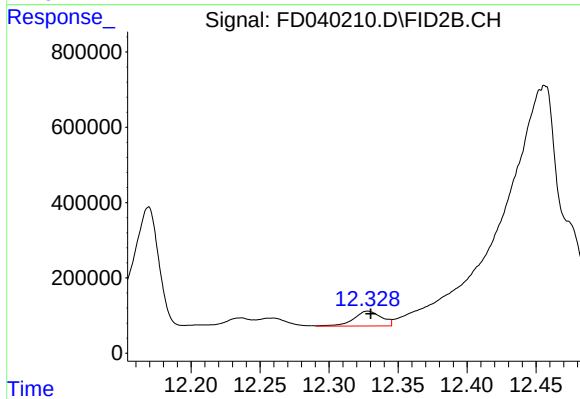
#9 ortho-Terphenyl (SURR)

R.T.: 10.734 min
Delta R.T.: 0.010 min
Response: 5498247
Conc: 36.48 ug/ml



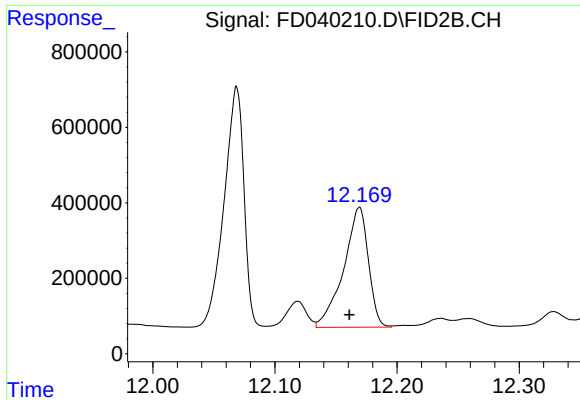
#10 n-Eicosane (C20)

R.T.: 11.722 min
Delta R.T.: 0.002 min
Response: 236920
Conc: 1.69 ug/ml



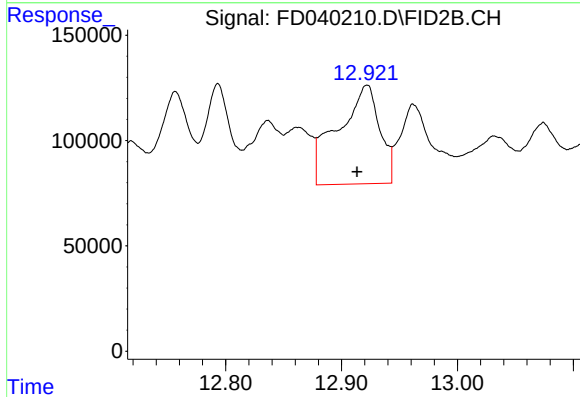
#11 n-Heneicosane (C21)

R.T.: 12.328 min
Delta R.T.: -0.002 min
Response: 553334
Conc: 3.89 ug/ml



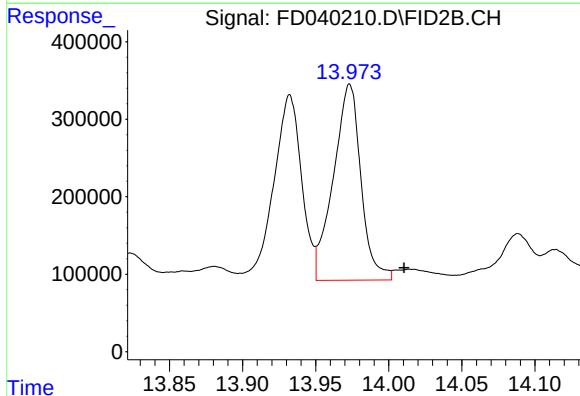
#12 1-chlorooctadecane (SURR)

R.T.: 12.169 min
Delta R.T.: 0.008 min
Response: 4477977
Conc: 37.93 ug/ml



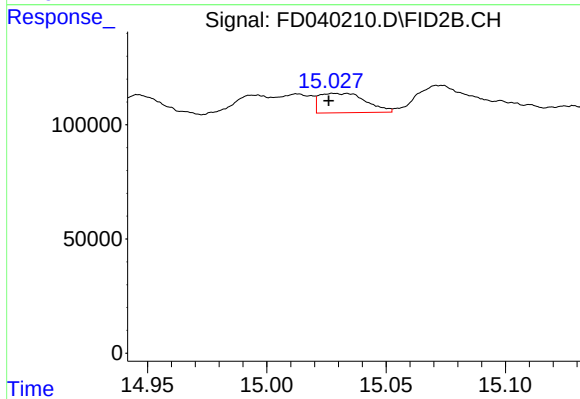
#13 n-Docosane (C22)

R.T.: 12.922 min
Delta R.T.: 0.009 min
Response: 1174166
Conc: 8.29 ug/ml



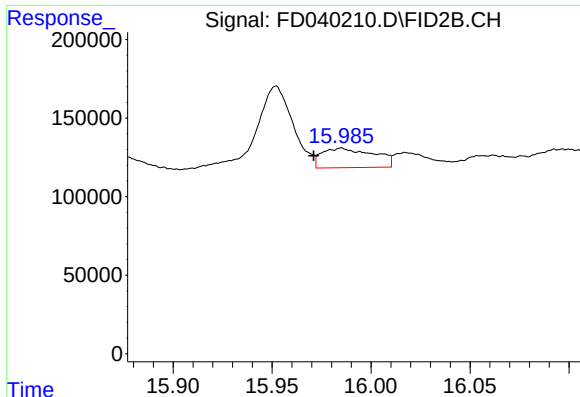
#14 n-Tetracosane (C24)

R.T.: 13.973 min
Delta R.T.: -0.037 min
Response: 3324493
Conc: 23.31 ug/ml



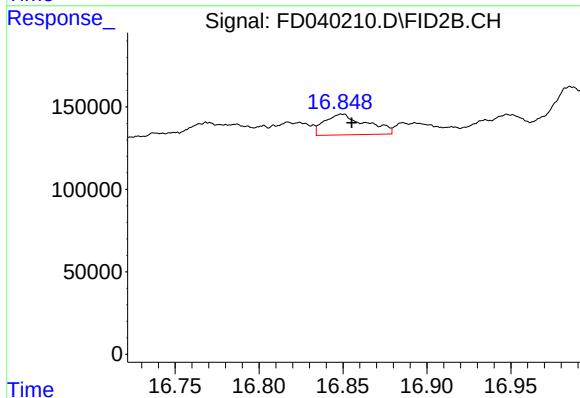
#15 n-Hexacosane (C26)

R.T.: 15.028 min
Delta R.T.: 0.002 min
Response: 116045
Conc: 0.85 ug/ml



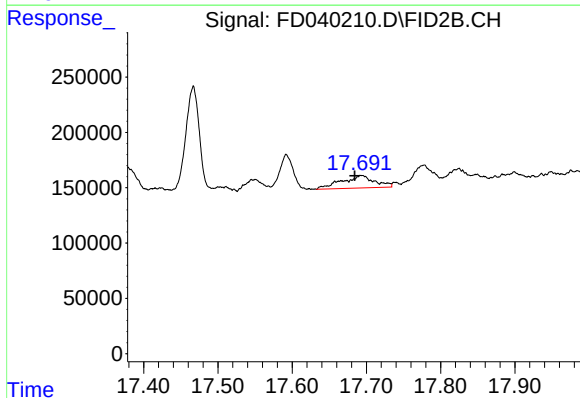
#16 n-Octacosane (C28)

R.T.: 15.985 min
Delta R.T.: 0.014 min
Response: 225286
Conc: 1.75 ug/ml



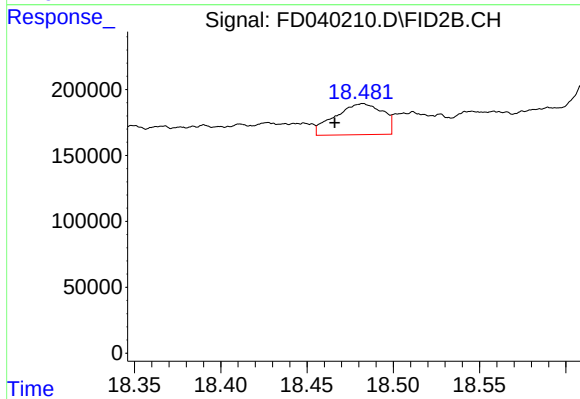
#17 n-Tricontane (C30)

R.T.: 16.849 min
Delta R.T.: -0.006 min
Response: 218265
Conc: 1.82 ug/ml



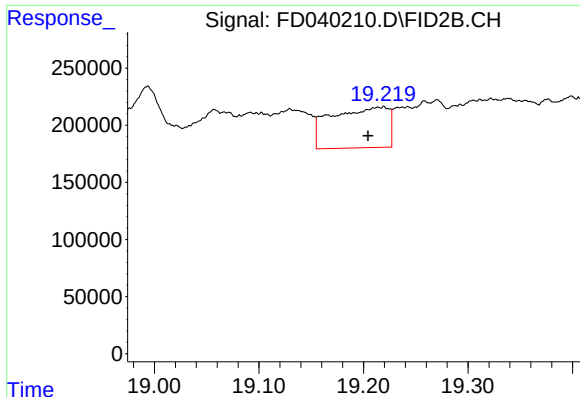
#18 n-Dotriacontane (C32)

R.T.: 17.693 min
Delta R.T.: 0.009 min
Response: 347404
Conc: 3.08 ug/ml



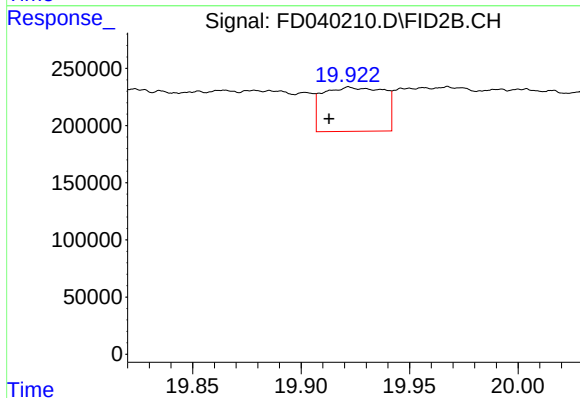
#19 n-Tetratriacontane (C34)

R.T.: 18.482 min
Delta R.T.: 0.016 min
Response: 452142
Conc: 4.14 ug/ml



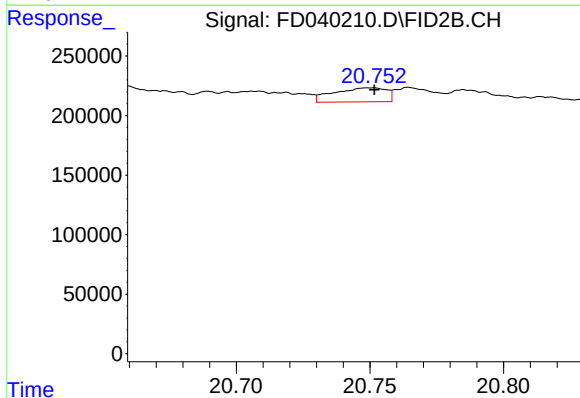
#20 n-Hexatriacontane (C36)

R.T.: 19.219 min
Delta R.T.: 0.015 min
Response: 1354116
Conc: 13.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.922 min
Delta R.T.: 0.009 min
Response: 759559
Conc: 7.92 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.750 min
Delta R.T.: -0.002 min
Response: 160763
Conc: 2.07 ug/ml