

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122321AL\
 Data File : FD040170.D
 Signal(s) : FID2B.CH
 Acq On : 24 Dec 2021 14:17
 Operator : AJ\MA
 Sample : M5092-05DL 5X
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 24 21:37:33 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)	10.679	260288	1.727 ug/ml
Spiked Amount 50.000		Recovery =	3.45%
12) S 1-chlorooctadecane (S...	12.160	1357022	11.493 ug/ml
Spiked Amount 50.000		Recovery =	22.99%
Target Compounds			
4) T n-Dodecane (C12)	5.616	39632	0.301 ug/ml
6) T n-Tetradecane (C14)	7.395	261022	1.981 ug/ml
7) T n-Hexadecane (C16)	8.985	58459	0.439 ug/ml
8) T n-Octadecane (C18)	10.443	441156	3.169 ug/ml
10) T n-Eicosane (C20)	11.721	96185	0.687 ug/ml
11) T n-Heneicosane (C21)	12.347	259450	1.826 ug/ml
13) T n-Docosane (C22)	12.912	166084	1.173 ug/ml
14) T n-Tetracosane (C24)	14.011	414377	2.906 ug/ml
15) T n-Hexacosane (C26)	15.026	499173	3.675 ug/ml
16) T n-Octacosane (C28)	15.970	532400	4.147 ug/ml
17) T n-Tricontane (C30)	16.854	489682	4.077 ug/ml
18) T n-Dotriacontane (C32)	17.684	380386	3.375 ug/ml
19) T n-Tetratriacontane (C34)	18.465	270445	2.474 ug/ml
20) T n-Hexatriacontane (C36)	19.203	133523	1.303 ug/ml
21) T n-Octatriacontane (C38)	19.910	80282	0.837 ug/ml
22) T n-Tetracontane (C40)	20.746	33246	0.428 ug/ml

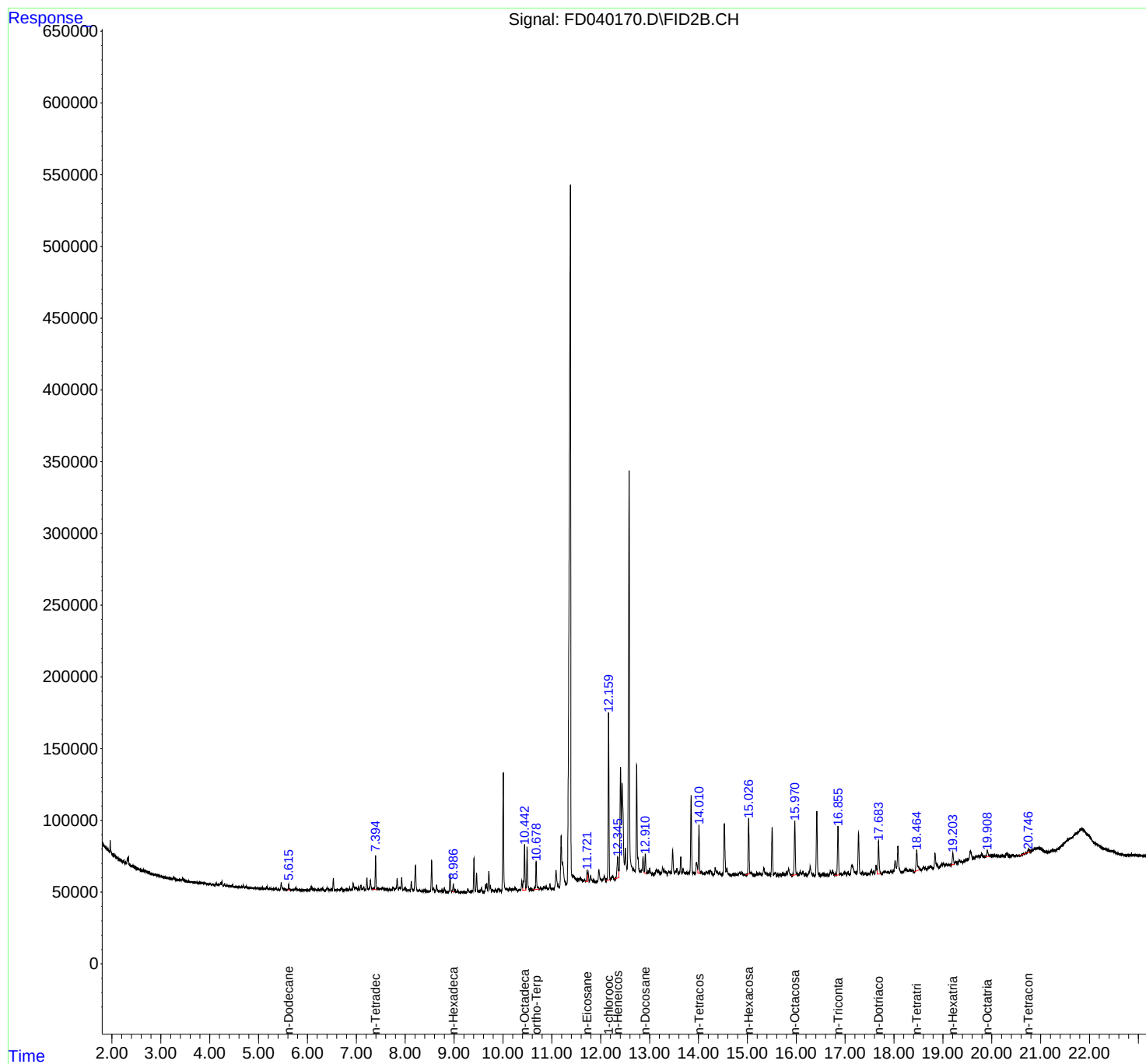
(f)=RT Delta > 1/2 Window

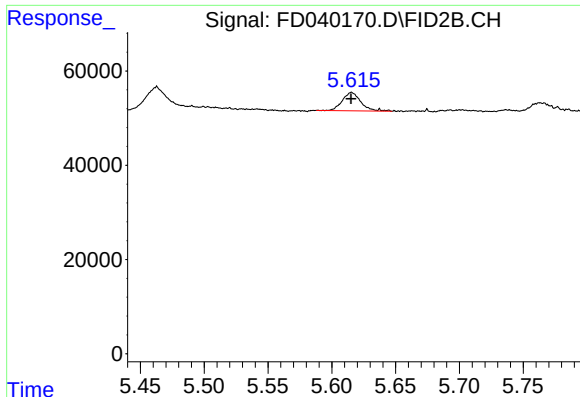
(m)=manual int.

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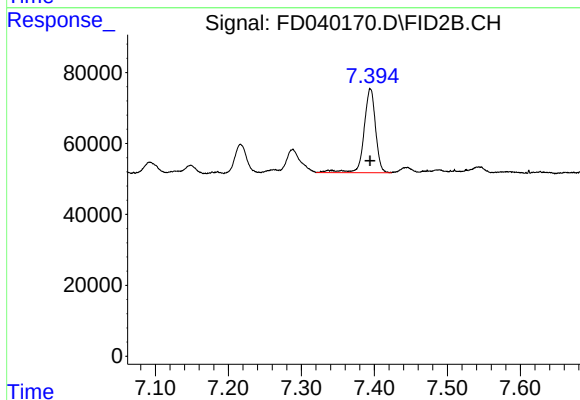
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Signal Info : 20M x 0.18mm x 0.18um





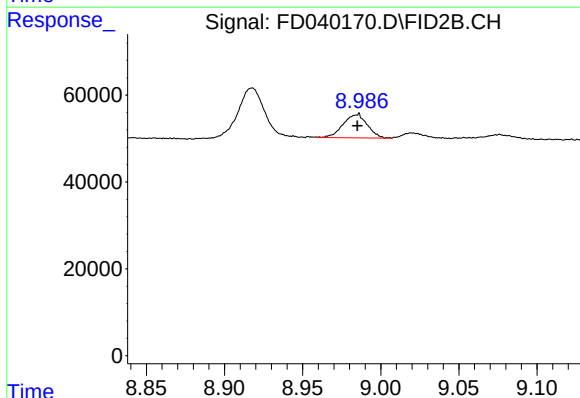
#4 n-Dodecane (C12)

R.T.: 5.616 min
Delta R.T.: 0.000 min
Response: 39632
Conc: 0.30 ug/ml



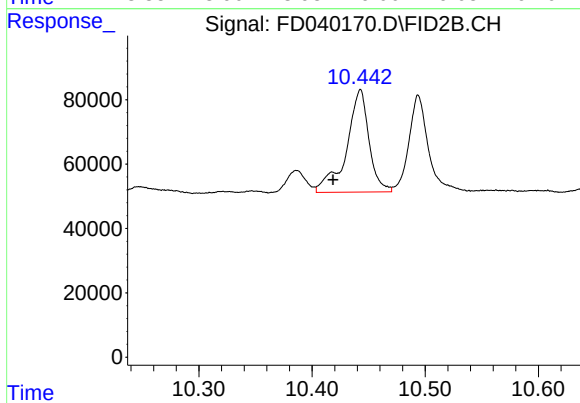
#6 n-Tetradecane (C14)

R.T.: 7.395 min
Delta R.T.: 0.000 min
Response: 261022
Conc: 1.98 ug/ml



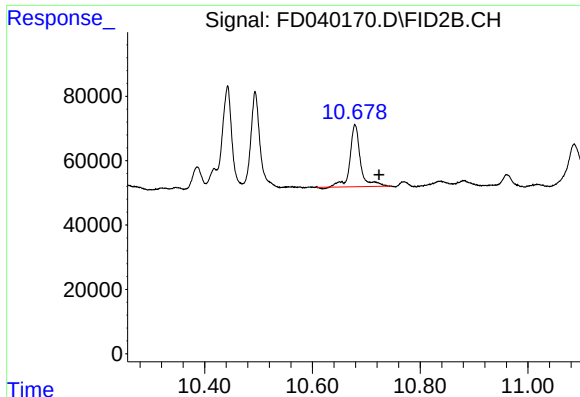
#7 n-Hexadecane (C16)

R.T.: 8.985 min
Delta R.T.: 0.000 min
Response: 58459
Conc: 0.44 ug/ml



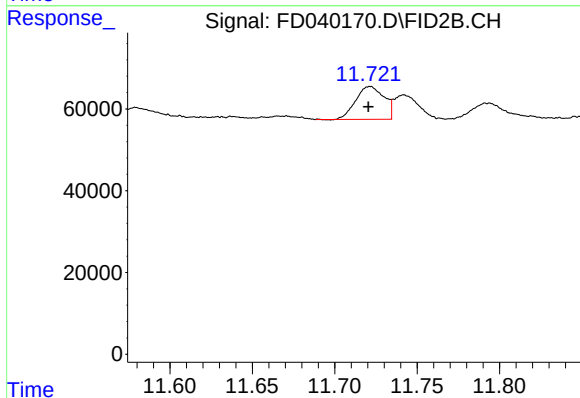
#8 n-Octadecane (C18)

R.T.: 10.443 min
Delta R.T.: 0.024 min
Response: 441156
Conc: 3.17 ug/ml



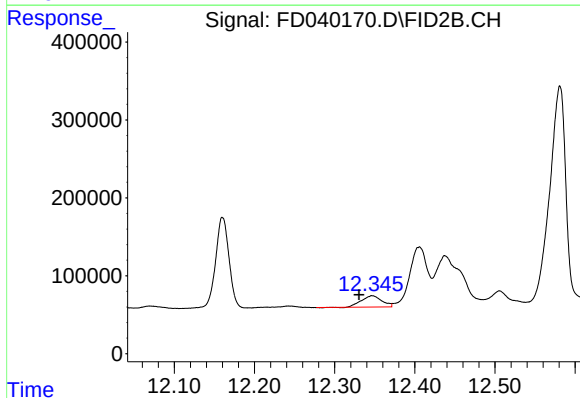
#9 ortho-Terphenyl (SURR)

R.T.: 10.679 min
Delta R.T.: -0.045 min
Response: 260288
Conc: 1.73 ug/ml



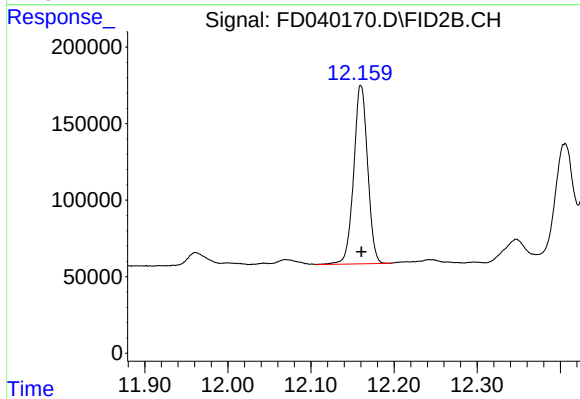
#10 n-Eicosane (C20)

R.T.: 11.721 min
Delta R.T.: 0.001 min
Response: 96185
Conc: 0.69 ug/ml



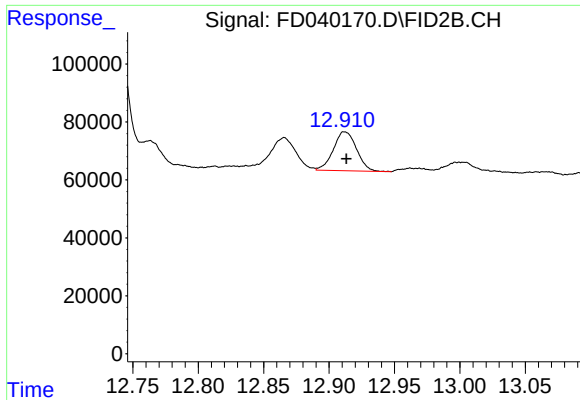
#11 n-Heneicosane (C21)

R.T.: 12.347 min
Delta R.T.: 0.017 min
Response: 259450
Conc: 1.83 ug/ml



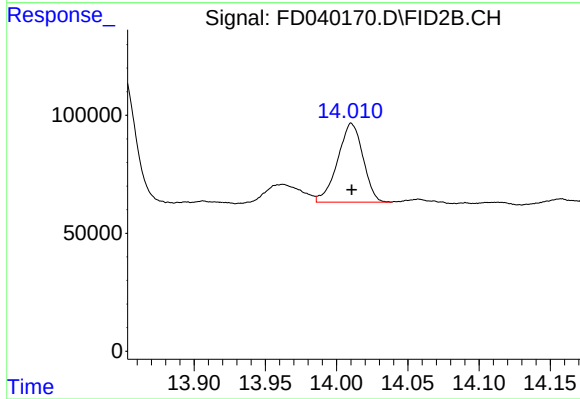
#12 1-chlorooctadecane (SURR)

R.T.: 12.160 min
Delta R.T.: 0.000 min
Response: 1357022
Conc: 11.49 ug/ml



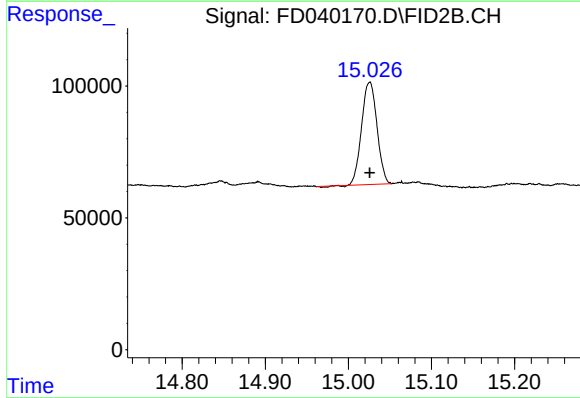
#13 n-Docosane (C22)

R.T.: 12.912 min
Delta R.T.: -0.001 min
Response: 166084
Conc: 1.17 ug/ml



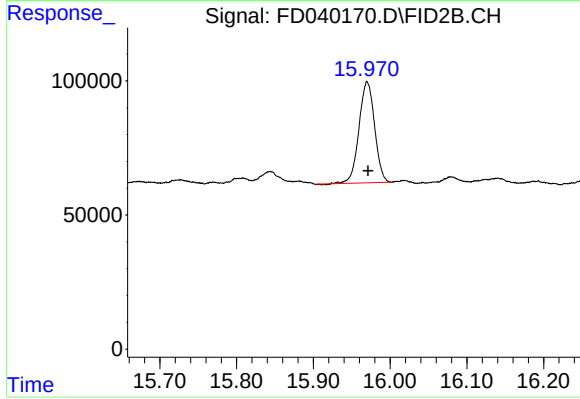
#14 n-Tetracosane (C24)

R.T.: 14.011 min
Delta R.T.: 0.000 min
Response: 414377
Conc: 2.91 ug/ml



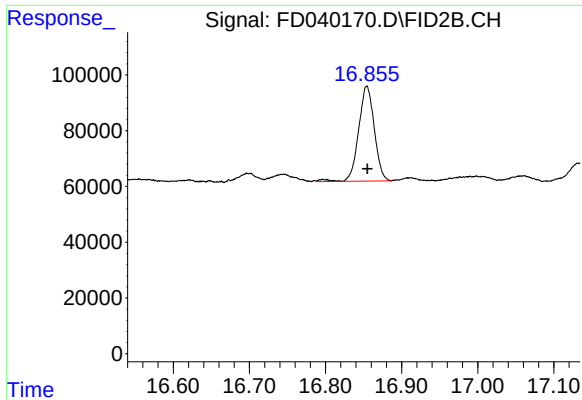
#15 n-Hexacosane (C26)

R.T.: 15.026 min
Delta R.T.: 0.000 min
Response: 499173
Conc: 3.68 ug/ml



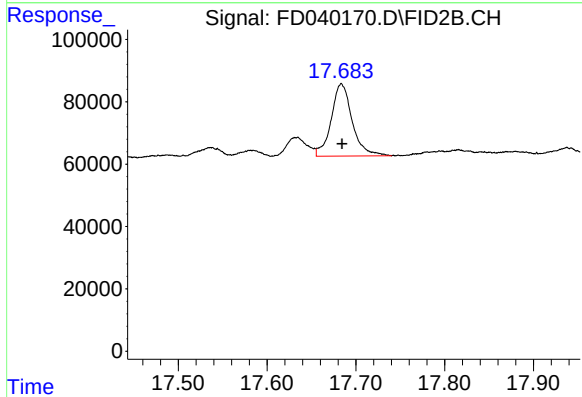
#16 n-Octacosane (C28)

R.T.: 15.970 min
Delta R.T.: 0.000 min
Response: 532400
Conc: 4.15 ug/ml



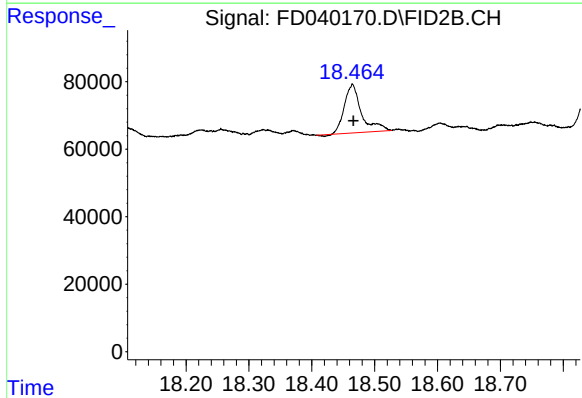
#17 n-Tricontane (C30)

R.T.: 16.854 min
Delta R.T.: 0.000 min
Response: 489682
Conc: 4.08 ug/ml



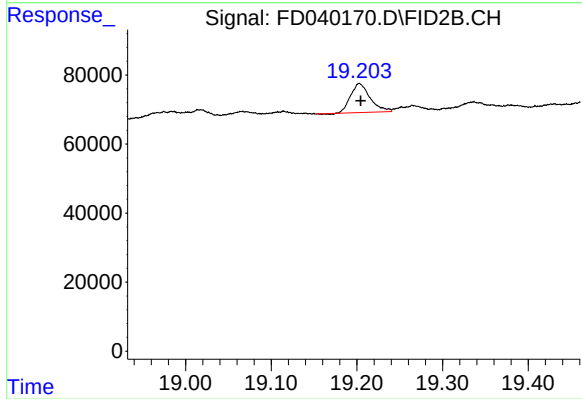
#18 n-Dotriacontane (C32)

R.T.: 17.684 min
Delta R.T.: 0.000 min
Response: 380386
Conc: 3.38 ug/ml



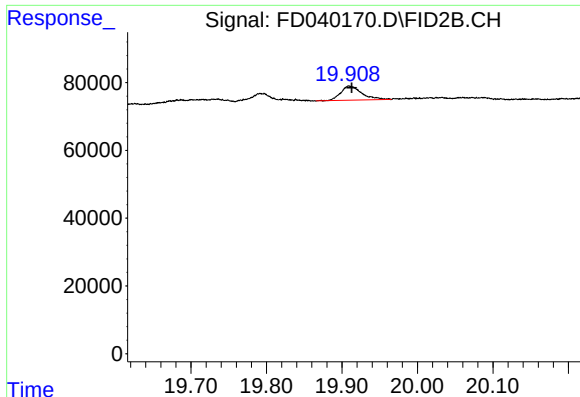
#19 n-Tetratriacontane (C34)

R.T.: 18.465 min
Delta R.T.: -0.001 min
Response: 270445
Conc: 2.47 ug/ml



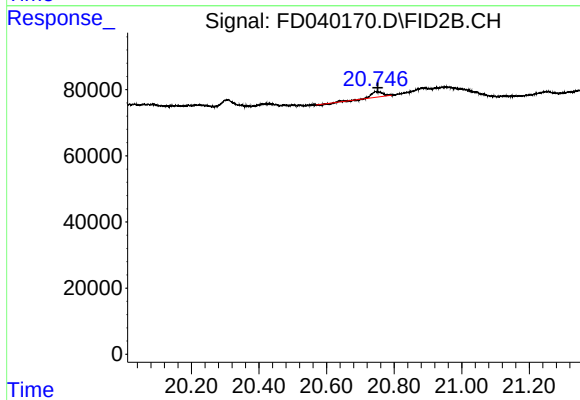
#20 n-Hexatriacontane (C36)

R.T.: 19.203 min
Delta R.T.: -0.001 min
Response: 133523
Conc: 1.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.910 min
Delta R.T.: -0.003 min
Response: 80282
Conc: 0.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.746 min
Delta R.T.: -0.006 min
Response: 33246
Conc: 0.43 ug/ml