

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041519AL\
 Data File : FD028898.D
 Signal(s) : FID2B.CH
 Acq On : 16 Apr 2019 7:24
 Operator : AJ\SJ
 Sample : K2241-07
 Misc : LOD 2.5 PPM
 ALS Vial : 80 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 08:16:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 04:15:45 2019
 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			
12) S 1-chlorooctadecane (S...	12.423	4138732	35.458 ug/ml
Spiked Amount 50.000		Recovery =	70.92%
Target Compounds			
1) T n-Nonane (C9)	2.847	100915	1.046 ug/ml
2) T n-Decane (C10)	3.866	121906	1.223 ug/ml
4) T n-Dodecane (C12)	5.857	138397	1.358 ug/ml
6) T n-Tetradecane (C14)	7.644	153465	1.442 ug/ml
7) T n-Hexadecane (C16)	9.238	190777	1.715 ug/ml
8) T n-Octadecane (C18)	10.673	234698	2.027 ug/ml
10) T n-Eicosane (C20)	11.976	210181	1.779 ug/ml
11) T n-Heneicosane (C21)	12.584	185158	1.573 ug/ml
13) T n-Docosane (C22)	13.167	199628	1.691 ug/ml
14) T n-Tetracosane (C24)	14.262	206686	1.771 ug/ml
15) T n-Hexacosane (C26)	15.277	214142	1.877 ug/ml
16) T n-Octacosane (C28)	16.217	257068	2.288 ug/mlm
17) T n-Tricontane (C30)	17.100	292122	2.714 ug/ml
18) T n-Dotriacontane (C32)	17.927	302198	2.981 ug/ml
19) T n-Tetratriacontane (C34)	18.727	245561	2.809 ug/ml
20) T n-Hexatriacontane (C36)	19.720	235799	3.065 ug/mlm
21) T n-Octatriacontane (C38)	21.056	190471	2.654 ug/mlm
22) T n-Tetracontane (C40)	22.913	175251	2.473 ug/mlm

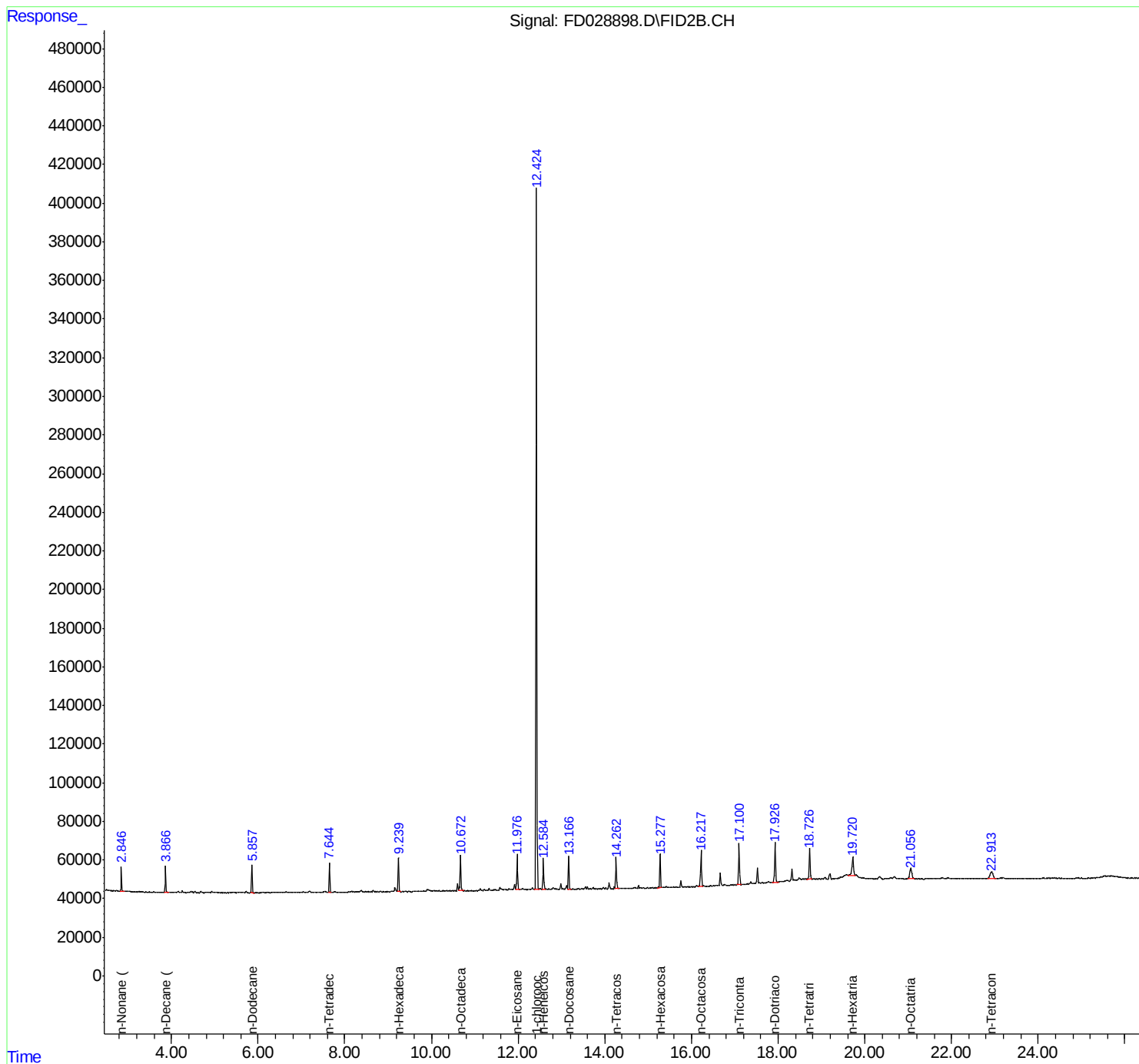
(f)=RT Delta > 1/2 Window

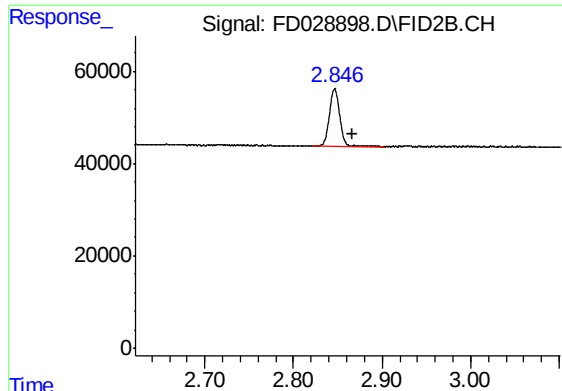
(m)=manual int.

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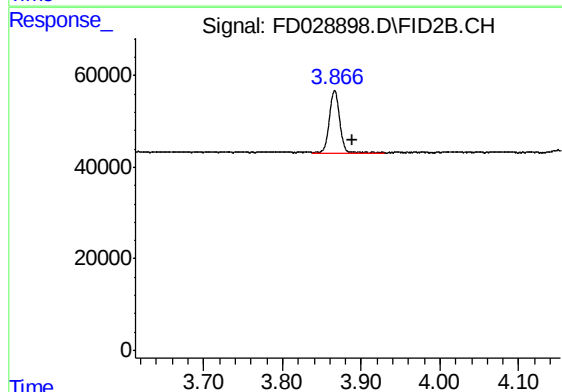
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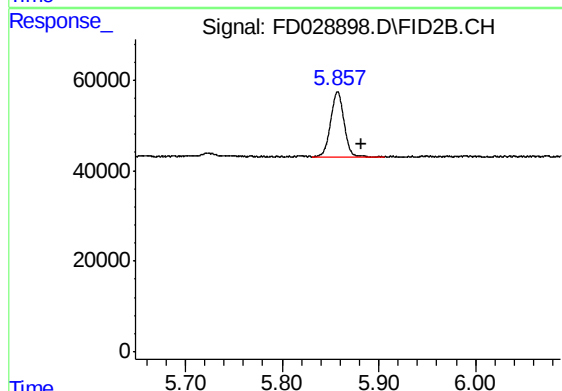
#1 n-Nonane (C9)

R.T.: 2.847 min
Delta R.T.: -0.020 min
Response: 100915
Conc: 1.05 ug/ml



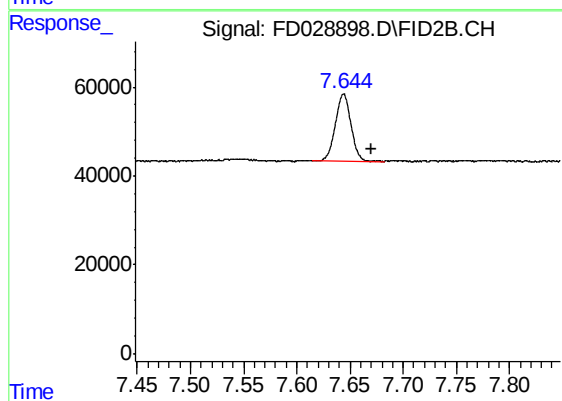
#2 n-Decane (C10)

R.T.: 3.866 min
Delta R.T.: -0.022 min
Response: 121906
Conc: 1.22 ug/ml



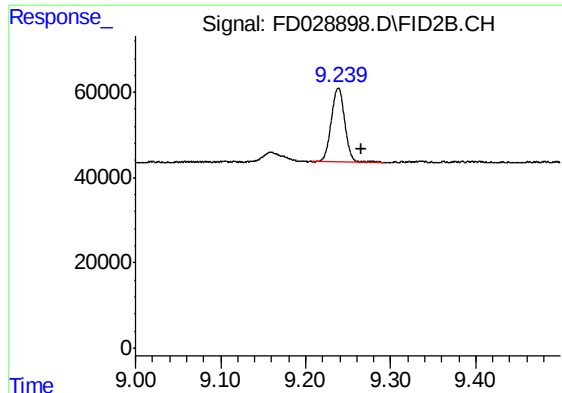
#4 n-Dodecane (C12)

R.T.: 5.857 min
Delta R.T.: -0.024 min
Response: 138397
Conc: 1.36 ug/ml



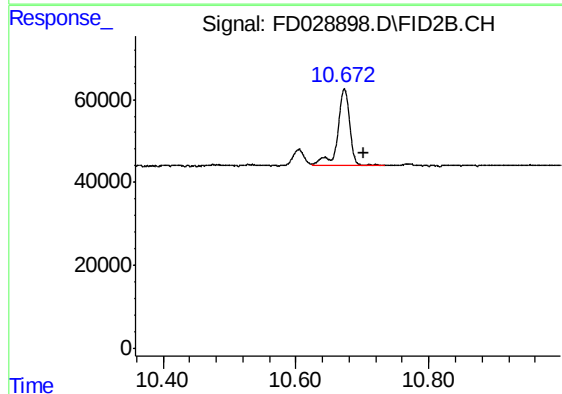
#6 n-Tetradecane (C14)

R.T.: 7.644 min
Delta R.T.: -0.026 min
Response: 153465
Conc: 1.44 ug/ml



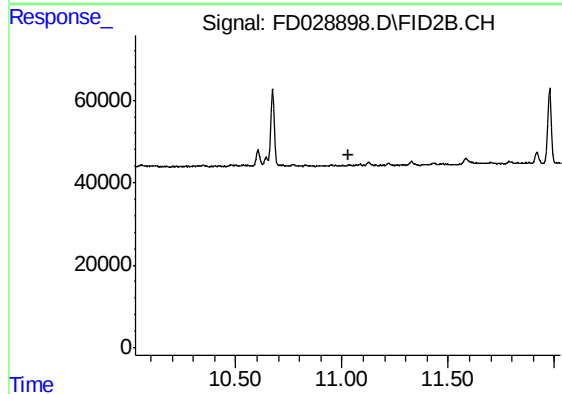
#7 n-Hexadecane (C16)

R.T.: 9.238 min
Delta R.T.: -0.026 min
Response: 190777
Conc: 1.72 ug/ml



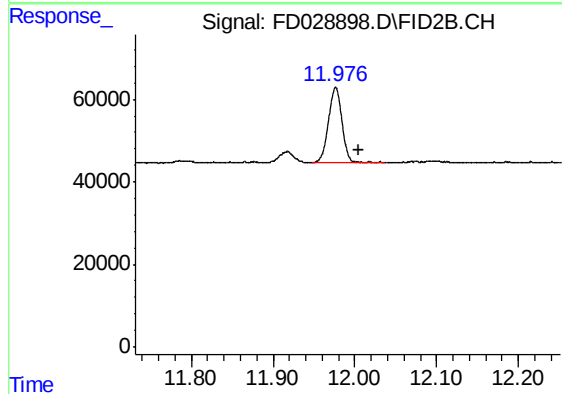
#8 n-Octadecane (C18)

R.T.: 10.673 min
Delta R.T.: -0.029 min
Response: 234698
Conc: 2.03 ug/ml



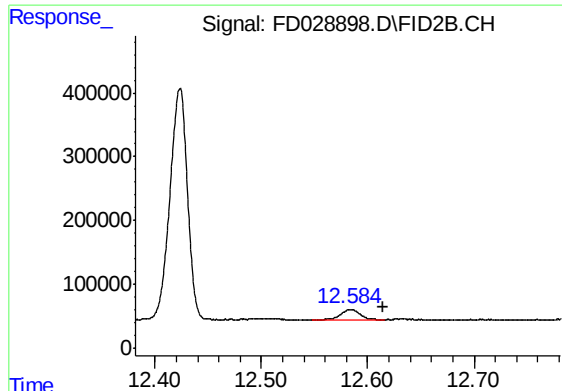
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.028 min
Response: 0
Conc: N.D.



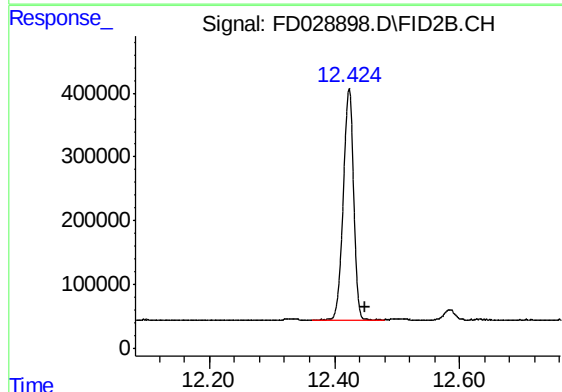
#10 n-Eicosane (C20)

R.T.: 11.976 min
Delta R.T.: -0.028 min
Response: 210181
Conc: 1.78 ug/ml



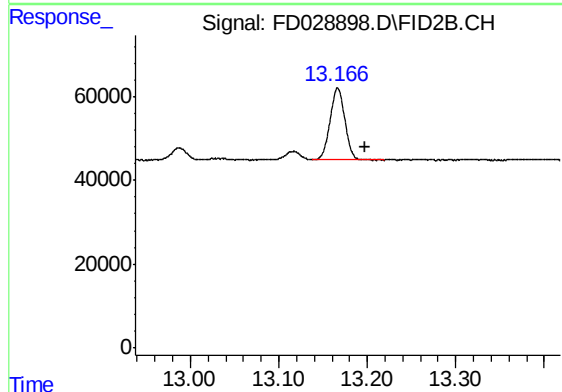
#11 n-Heneicosane (C21)

R.T.: 12.584 min
Delta R.T.: -0.030 min
Response: 185158
Conc: 1.57 ug/ml



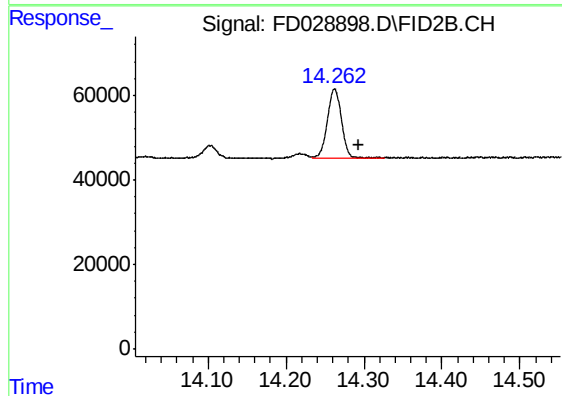
#12 1-chlorooctadecane (SURR)

R.T.: 12.423 min
Delta R.T.: -0.026 min
Response: 4138732
Conc: 35.46 ug/ml



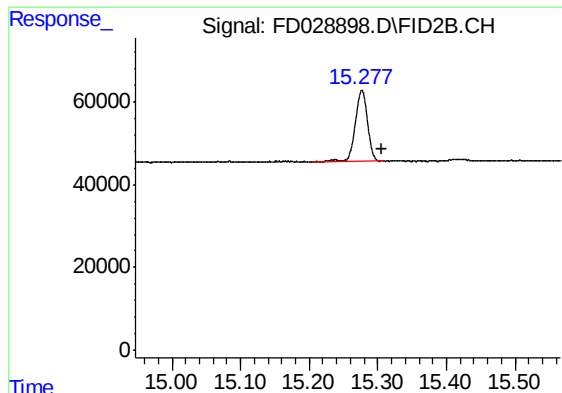
#13 n-Docosane (C22)

R.T.: 13.167 min
Delta R.T.: -0.030 min
Response: 199628
Conc: 1.69 ug/ml



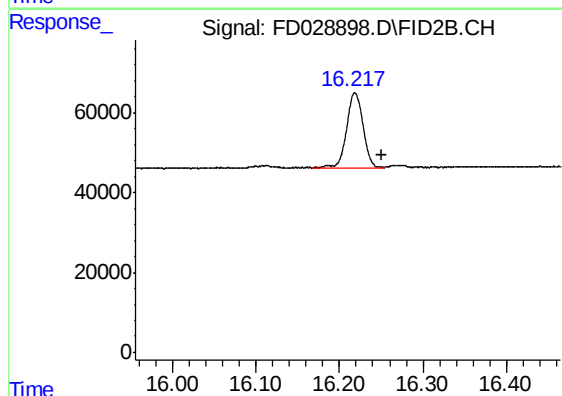
#14 n-Tetracosane (C24)

R.T.: 14.262 min
Delta R.T.: -0.030 min
Response: 206686
Conc: 1.77 ug/ml



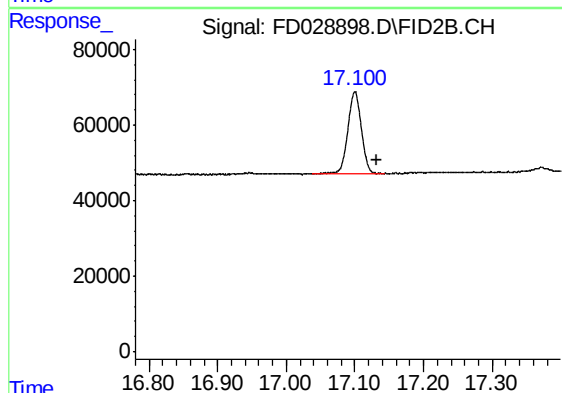
#15 n-Hexacosane (C26)

R.T.: 15.277 min
Delta R.T.: -0.030 min
Response: 214142
Conc: 1.88 ug/ml



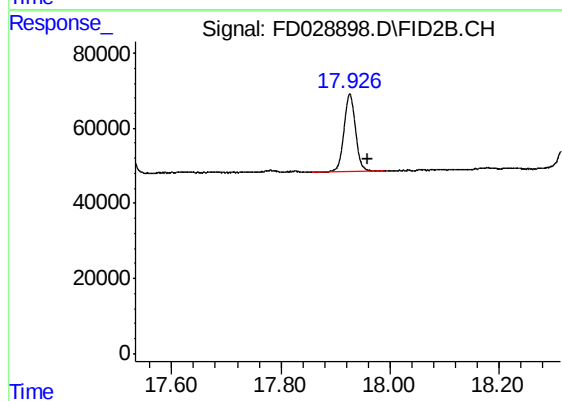
#16 n-Octacosane (C28)

R.T.: 16.217 min
Delta R.T.: -0.034 min
Response: 257068
Conc: 2.29 ug/ml m



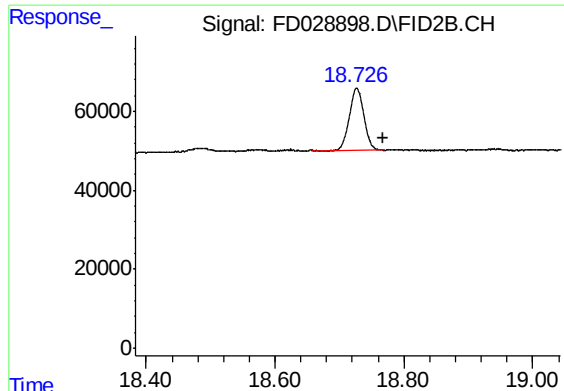
#17 n-Tricontane (C30)

R.T.: 17.100 min
Delta R.T.: -0.033 min
Response: 292122
Conc: 2.71 ug/ml



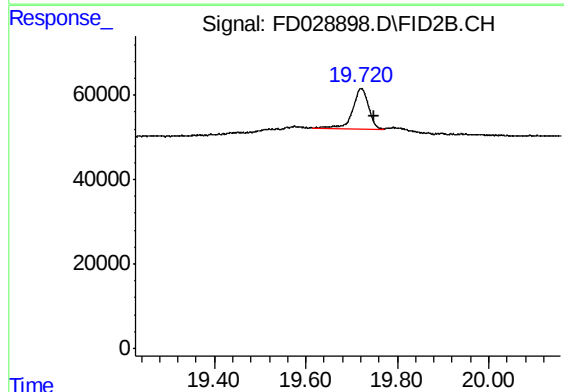
#18 n-Dotriacontane (C32)

R.T.: 17.927 min
Delta R.T.: -0.032 min
Response: 302198
Conc: 2.98 ug/ml



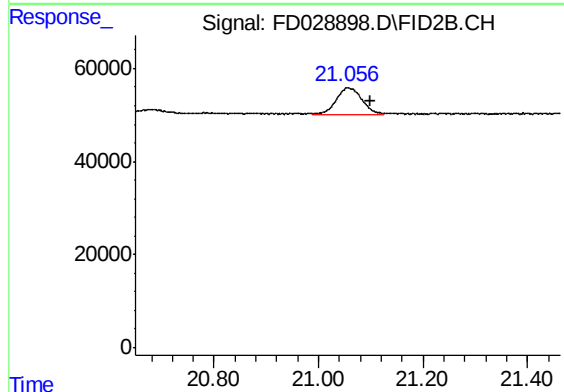
#19 n-Tetratriacontane (C34)

R.T.: 18.727 min
Delta R.T.: -0.040 min
Response: 245561
Conc: 2.81 ug/ml



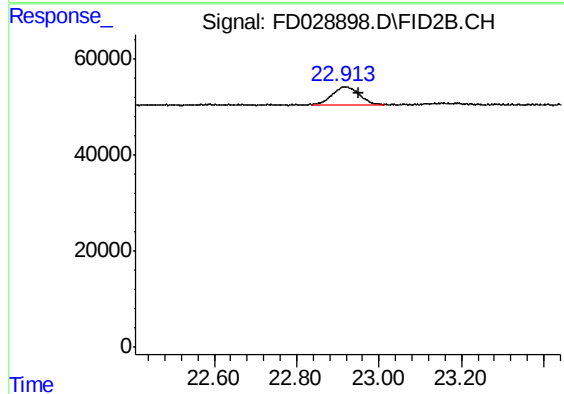
#20 n-Hexatriacontane (C36)

R.T.: 19.720 min
Delta R.T.: -0.030 min
Response: 235799
Conc: 3.06 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.056 min
Delta R.T.: -0.044 min
Response: 190471
Conc: 2.65 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.913 min
Delta R.T.: -0.037 min
Response: 175251
Conc: 2.47 ug/ml m