

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051920AL\
 Data File : FD033530.D
 Signal(s) : FID2B.CH
 Acq On : 19 May 2020 21:22
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 20 06:44:39 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 06:42:57 2020
 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)	11.469	645168	4.653 ug/ml
Spiked Amount 50.000		Recovery =	9.31%
12) S 1-chlorooctadecane (S...	12.899	532743	4.678 ug/ml
Spiked Amount 50.000		Recovery =	9.36%
Target Compounds			
1) T n-Nonane (C9)	3.293	525985	4.479 ug/ml
2) T n-Decane (C10)	4.350	518174	4.387 ug/ml
3) T A~Naphthalene (C11.7)	5.927	563226	4.461 ug/mlm
4) T n-Dodecane (C12)	6.351	549445	4.510 ug/ml
5) T A~2-methylnaphthalene...	6.976	539126	4.243 ug/mlm
6) T n-Tetradecane (C14)	8.133	561108	4.548 ug/ml
7) T n-Hexadecane (C16)	9.723	549474	4.490 ug/ml
8) T n-Octadecane (C18)	11.156	600244	4.629 ug/ml
10) T n-Eicosane (C20)	12.457	628439	4.778 ug/ml
11) T n-Heneicosane (C21)	13.065	631940	4.807 ug/ml
13) T n-Docosane (C22)	13.648	626680	4.777 ug/ml
14) T n-Tetracosane (C24)	14.745	623754	4.785 ug/ml
15) T n-Hexacosane (C26)	15.759	621317	4.839 ug/ml
16) T n-Octacosane (C28)	16.703	623235	4.899 ug/ml
17) T n-Tricontane (C30)	17.586	612984	4.984 ug/ml
18) T n-Dotriacontane (C32)	18.413	558848	4.982 ug/ml
19) T n-Tetratriacontane (C34)	19.192	517636	4.923 ug/ml
20) T n-Hexatriacontane (C36)	19.927	473859	4.802 ug/ml
21) T n-Octatriacontane (C38)	20.635	441298	4.769 ug/ml
22) T n-Tetracontane (C40)	21.481	422348	4.555 ug/ml

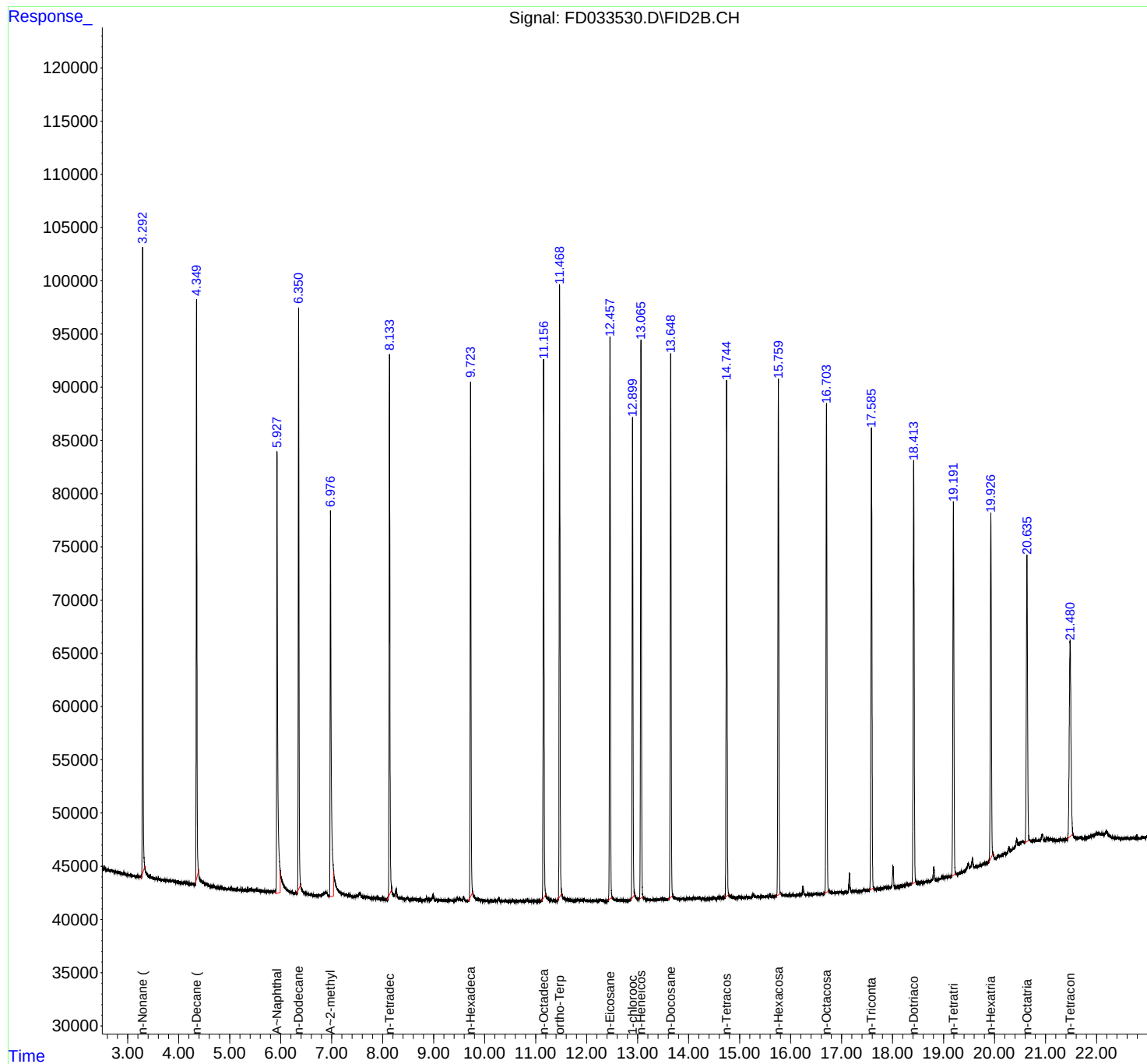
(f)=RT Delta > 1/2 Window

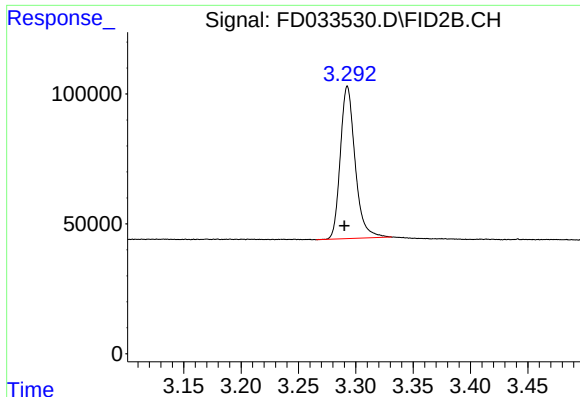
(m)=manual int.

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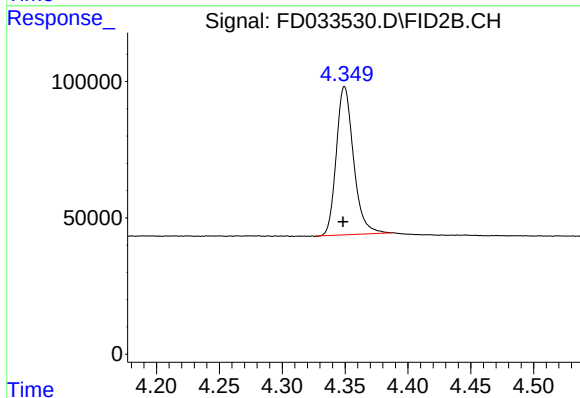
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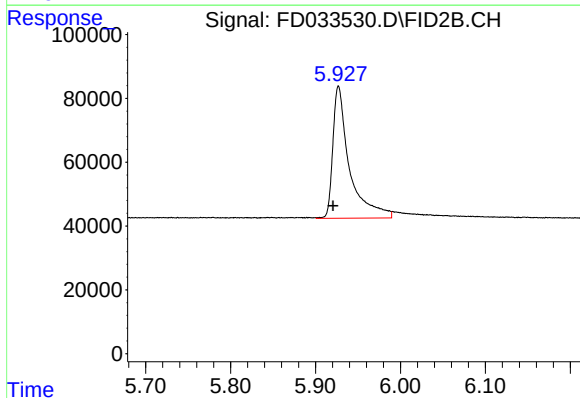
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: 0.003 min
Response: 525985
Conc: 4.48 ug/ml



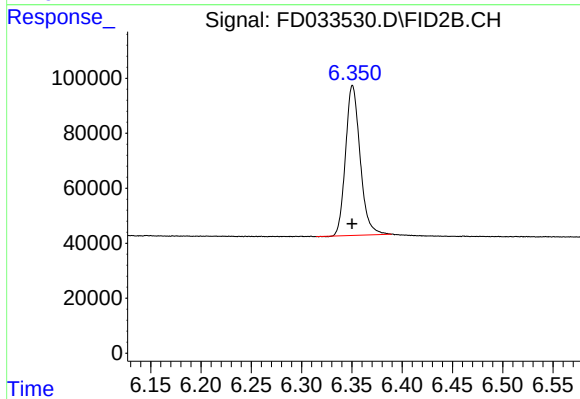
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: 0.001 min
Response: 518174
Conc: 4.39 ug/ml



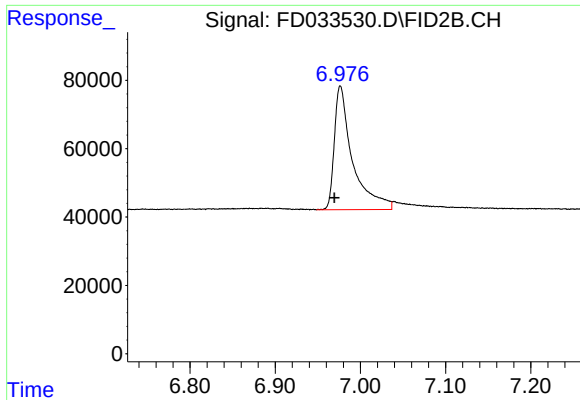
#3 A~Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: 0.006 min
Response: 563226
Conc: 4.46 ug/ml m



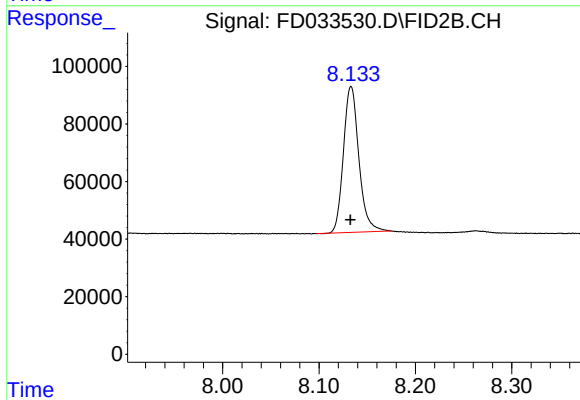
#4 n-Dodecane (C12)

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 549445
Conc: 4.51 ug/ml



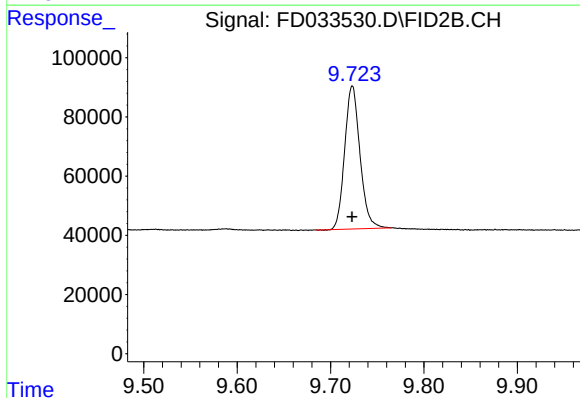
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: 0.006 min
Response: 539126
Conc: 4.24 ug/ml m



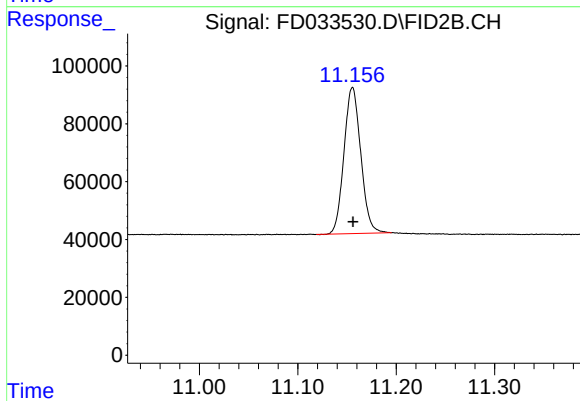
#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 561108
Conc: 4.55 ug/ml



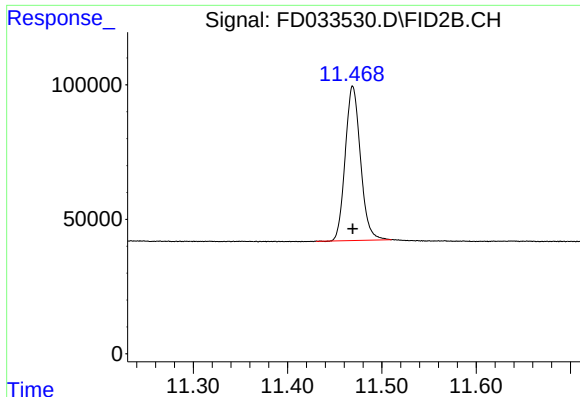
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 549474
Conc: 4.49 ug/ml



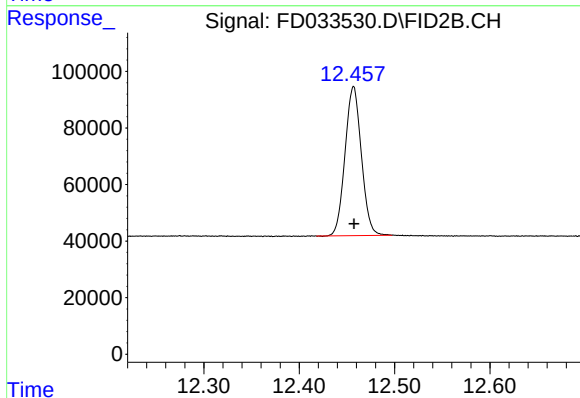
#8 n-Octadecane (C18)

R.T.: 11.156 min
Delta R.T.: 0.000 min
Response: 600244
Conc: 4.63 ug/ml



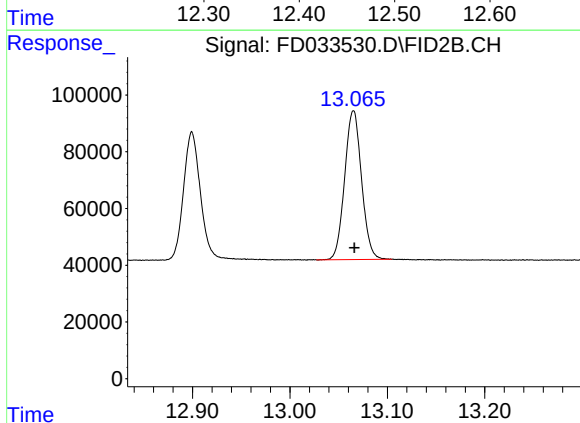
#9 ortho-Terphenyl (SURR)

R.T.: 11.469 min
Delta R.T.: 0.000 min
Response: 645168
Conc: 4.65 ug/ml



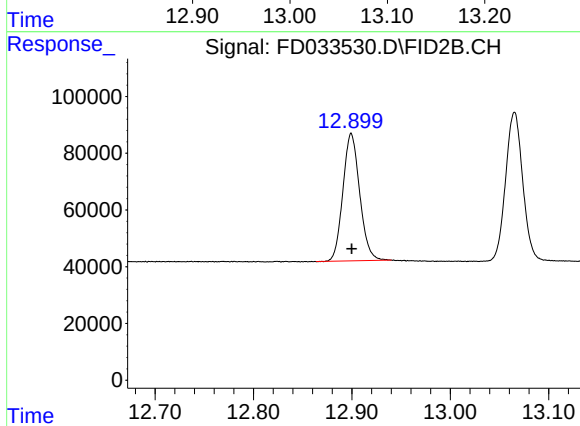
#10 n-Eicosane (C20)

R.T.: 12.457 min
Delta R.T.: 0.000 min
Response: 628439
Conc: 4.78 ug/ml



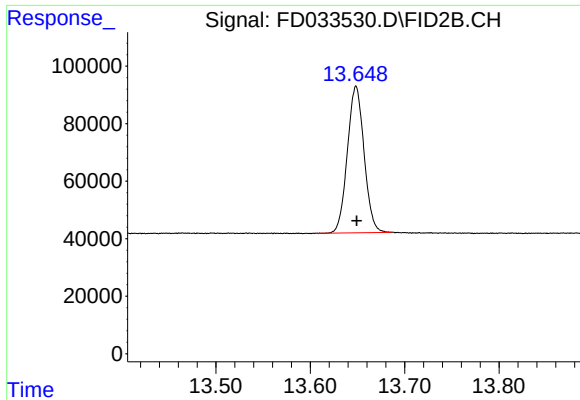
#11 n-Heneicosane (C21)

R.T.: 13.065 min
Delta R.T.: 0.000 min
Response: 631940
Conc: 4.81 ug/ml



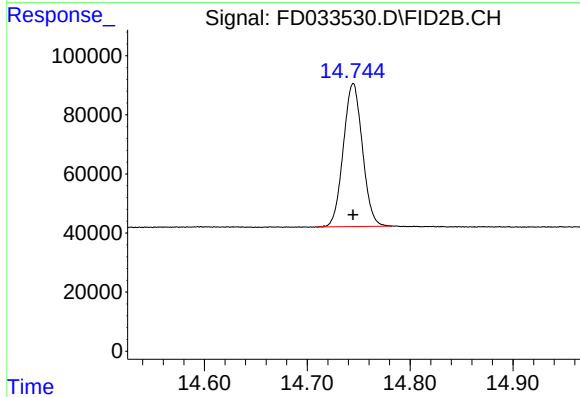
#12 1-chlorooctadecane (SURR)

R.T.: 12.899 min
Delta R.T.: 0.000 min
Response: 532743
Conc: 4.68 ug/ml



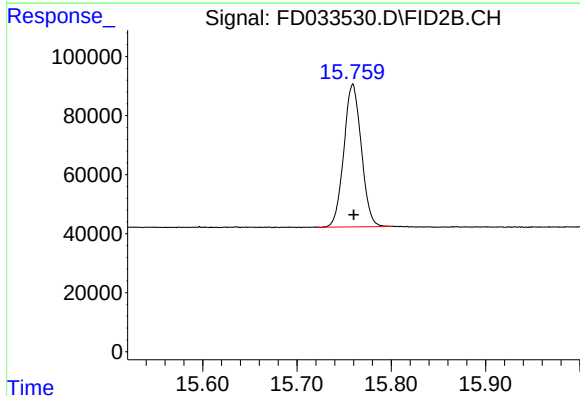
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: 0.000 min
Response: 626680
Conc: 4.78 ug/ml



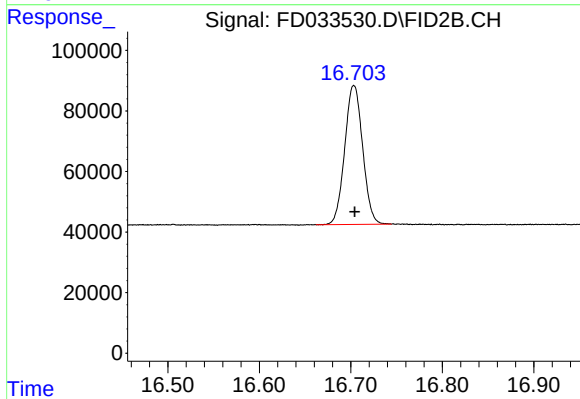
#14 n-Tetracosane (C24)

R.T.: 14.745 min
Delta R.T.: 0.000 min
Response: 623754
Conc: 4.79 ug/ml



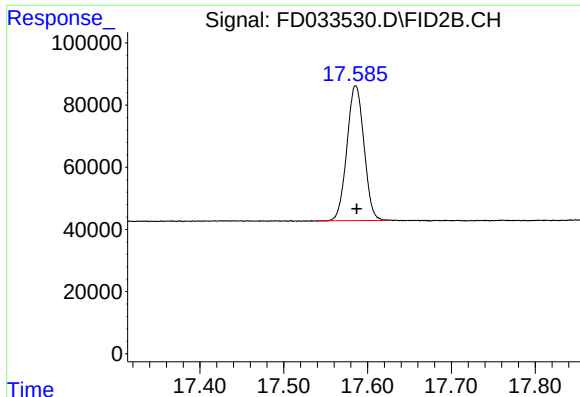
#15 n-Hexacosane (C26)

R.T.: 15.759 min
Delta R.T.: 0.000 min
Response: 621317
Conc: 4.84 ug/ml



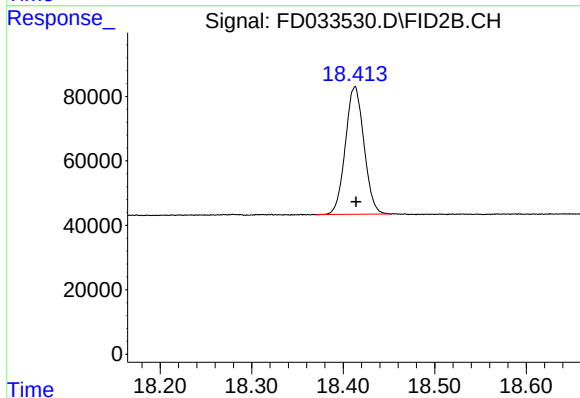
#16 n-Octacosane (C28)

R.T.: 16.703 min
Delta R.T.: 0.000 min
Response: 623235
Conc: 4.90 ug/ml



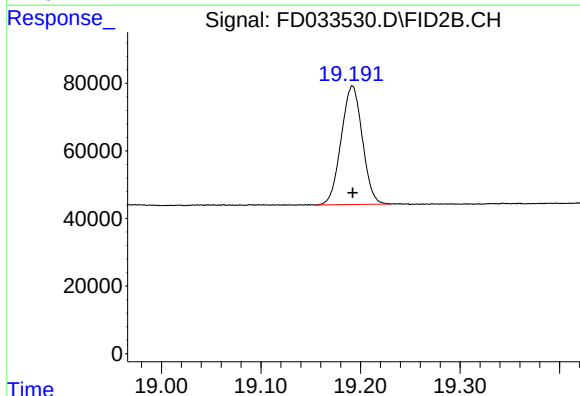
#17 n-Tricontane (C30)

R.T.: 17.586 min
Delta R.T.: -0.001 min
Response: 612984
Conc: 4.98 ug/ml



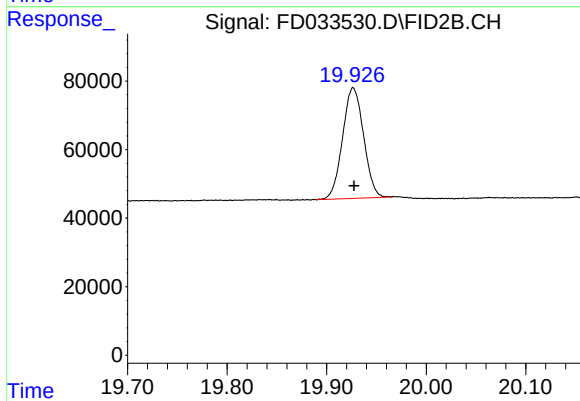
#18 n-Dotriacontane (C32)

R.T.: 18.413 min
Delta R.T.: -0.001 min
Response: 558848
Conc: 4.98 ug/ml



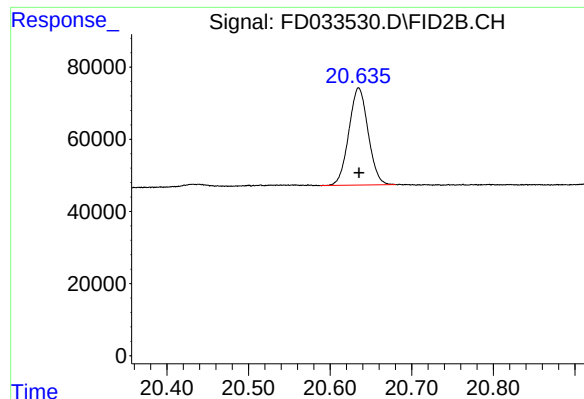
#19 n-Tetratriacontane (C34)

R.T.: 19.192 min
Delta R.T.: 0.000 min
Response: 517636
Conc: 4.92 ug/ml



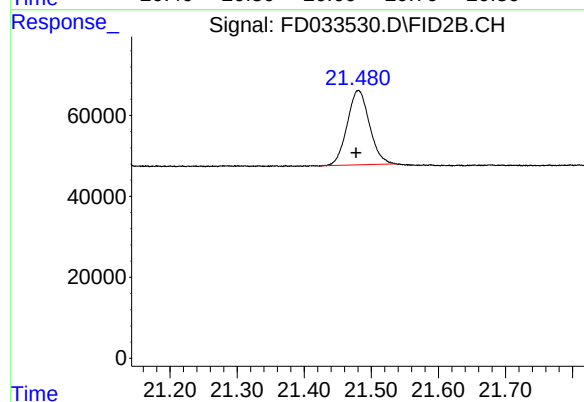
#20 n-Hexatriacontane (C36)

R.T.: 19.927 min
Delta R.T.: 0.000 min
Response: 473859
Conc: 4.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.635 min
Delta R.T.: 0.000 min
Response: 441298
Conc: 4.77 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.481 min
Delta R.T.: 0.003 min
Response: 422348
Conc: 4.56 ug/ml