

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120921AL\
 Data File : FD039782.D
 Signal(s) : FID2B.CH
 Acq On : 10 Dec 2021 11:27
 Operator : AJ\MA
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 10 11:52:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Dec 10 11:11:10 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)	11.472	652624	4.821 ug/ml
Spiked Amount 50.000		Recovery =	9.64%
12) S 1-chlorooctadecane (S...	12.904	489566	4.639 ug/ml
Spiked Amount 50.000		Recovery =	9.28%
Target Compounds			
1) T n-Nonane (C9)	3.276	549794	4.662 ug/ml
2) T n-Decane (C10)	4.336	552904	4.674 ug/ml
3) T A~Naphthalene (C11.7)	5.917	547138	4.317 ug/ml
4) T n-Dodecane (C12)	6.344	550899	4.656 ug/ml
5) T A~2-methylnaphthalene...	6.968	540709	4.270 ug/ml
6) T n-Tetradecane (C14)	8.129	559323	4.700 ug/ml
7) T n-Hexadecane (C16)	9.723	564789	4.699 ug/ml
8) T n-Octadecane (C18)	11.158	593001	4.729 ug/ml
10) T n-Eicosane (C20)	12.461	596299	4.732 ug/ml
11) T n-Heneicosane (C21)	13.071	613800	4.778 ug/ml
13) T n-Docosane (C22)	13.654	609699	4.745 ug/ml
14) T n-Tetracosane (C24)	14.751	628065	4.782 ug/ml
15) T n-Hexacosane (C26)	15.767	608079	4.713 ug/ml
16) T n-Octacosane (C28)	16.712	601964	4.751 ug/ml
17) T n-Tricontane (C30)	17.594	575096	4.759 ug/ml
18) T n-Dotriacontane (C32)	18.422	534018	4.780 ug/ml
19) T n-Tetratriacontane (C34)	19.202	489623	4.711 ug/ml
20) T n-Hexatriacontane (C36)	19.938	449445	4.707 ug/ml
21) T n-Octatriacontane (C38)	20.649	399830	4.498 ug/ml
22) T n-Tetracontane (C40)	21.502	270203	3.469 ug/ml

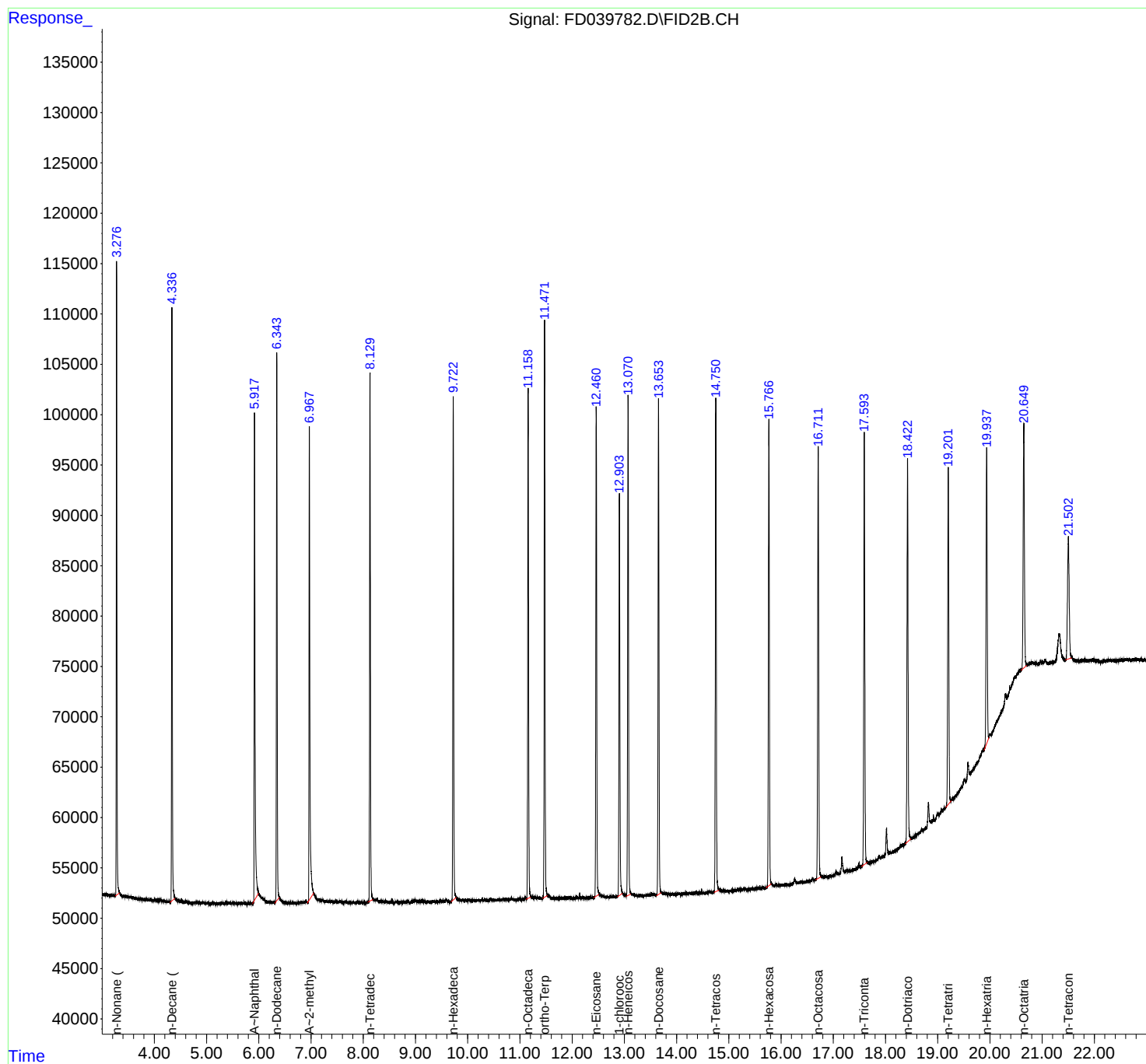
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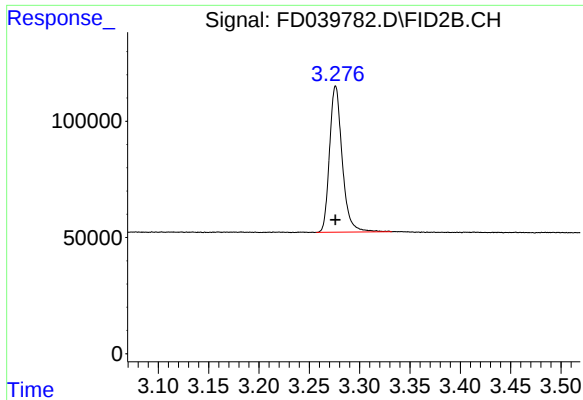
(m)=manual int.

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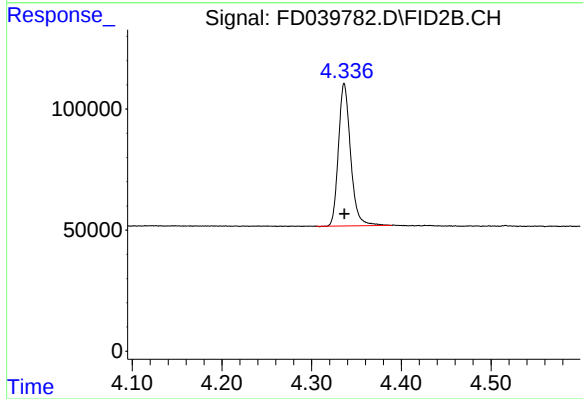
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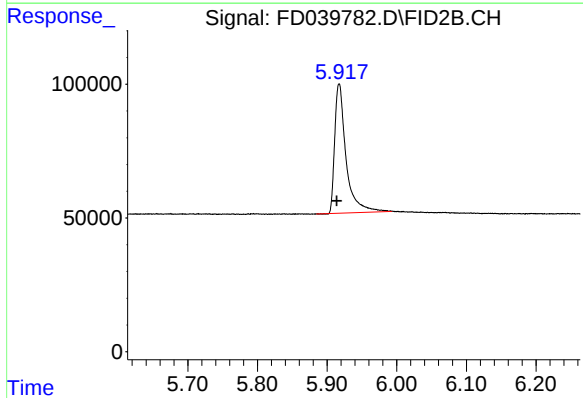
#1 n-Nonane (C9)

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 549794
Conc: 4.66 ug/ml



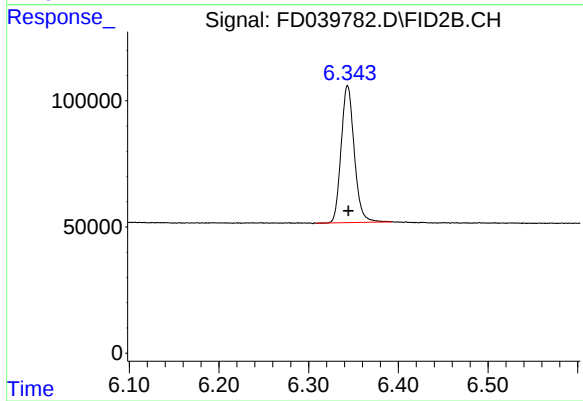
#2 n-Decane (C10)

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 552904
Conc: 4.67 ug/ml



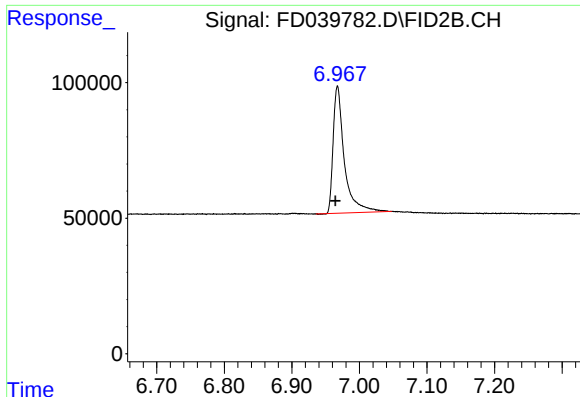
#3 A~Naphthalene (C11.7)

R.T.: 5.917 min
Delta R.T.: 0.003 min
Response: 547138
Conc: 4.32 ug/ml



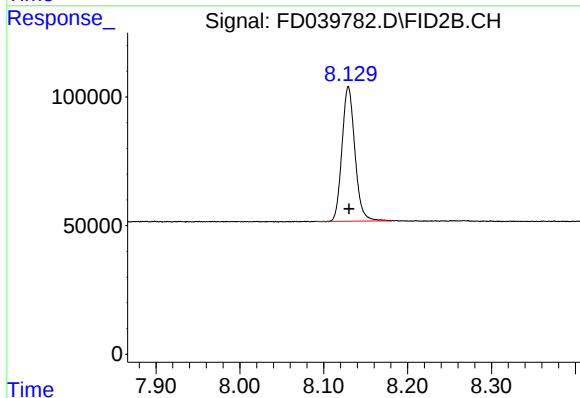
#4 n-Dodecane (C12)

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 550899
Conc: 4.66 ug/ml



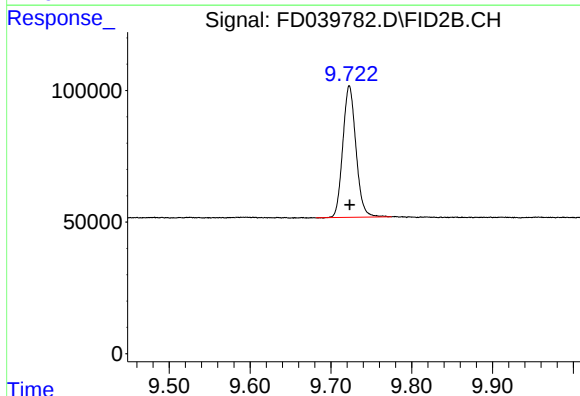
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.968 min
Delta R.T.: 0.003 min
Response: 540709
Conc: 4.27 ug/ml



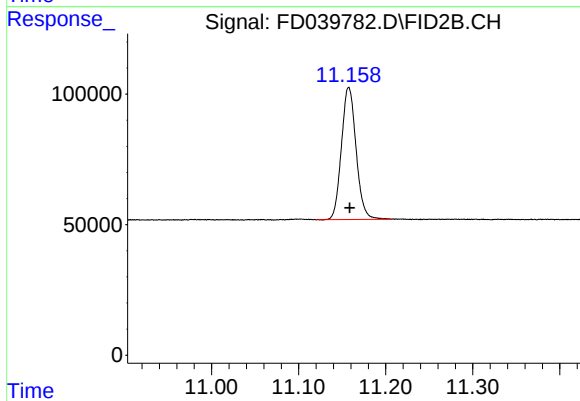
#6 n-Tetradecane (C14)

R.T.: 8.129 min
Delta R.T.: -0.001 min
Response: 559323
Conc: 4.70 ug/ml



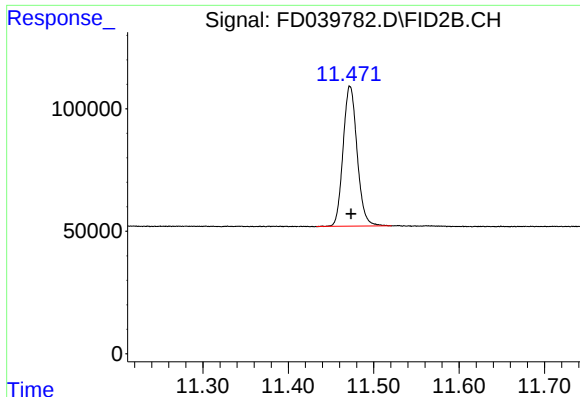
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 564789
Conc: 4.70 ug/ml



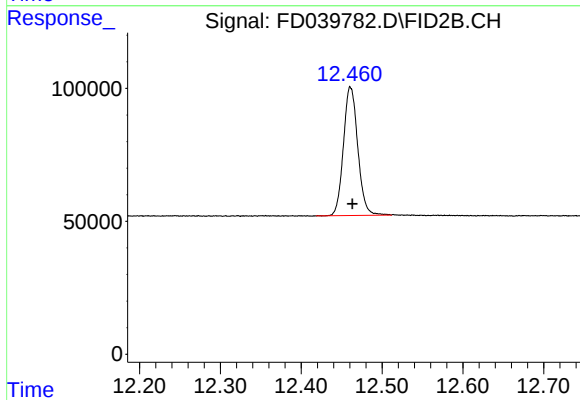
#8 n-Octadecane (C18)

R.T.: 11.158 min
Delta R.T.: -0.001 min
Response: 593001
Conc: 4.73 ug/ml



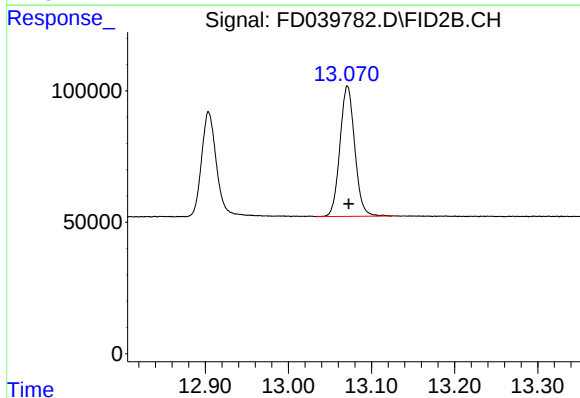
#9 ortho-Terphenyl (SURR)

R.T.: 11.472 min
Delta R.T.: -0.001 min
Response: 652624
Conc: 4.82 ug/ml



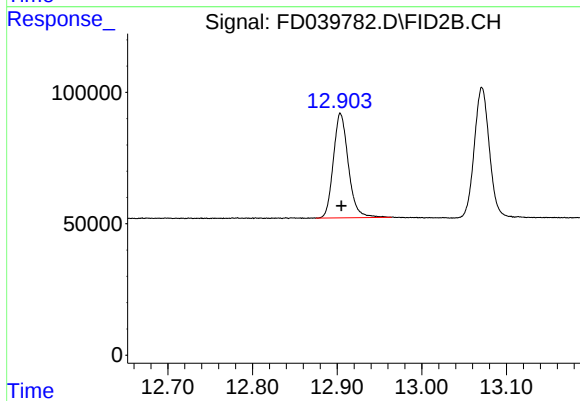
#10 n-Eicosane (C20)

R.T.: 12.461 min
Delta R.T.: -0.002 min
Response: 596299
Conc: 4.73 ug/ml



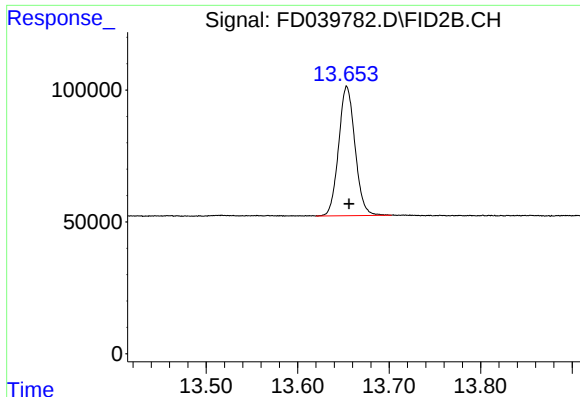
#11 n-Heneicosane (C21)

R.T.: 13.071 min
Delta R.T.: -0.002 min
Response: 613800
Conc: 4.78 ug/ml



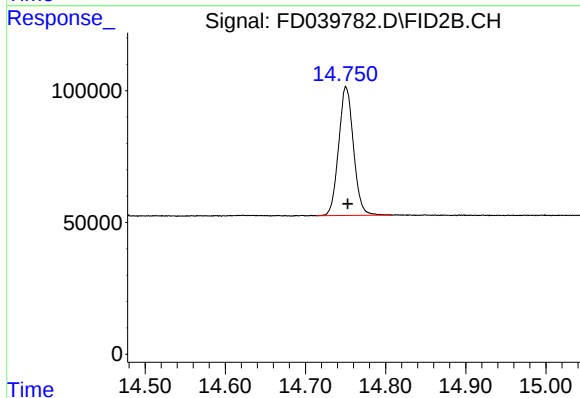
#12 1-chlorooctadecane (SURR)

R.T.: 12.904 min
Delta R.T.: -0.001 min
Response: 489566
Conc: 4.64 ug/ml



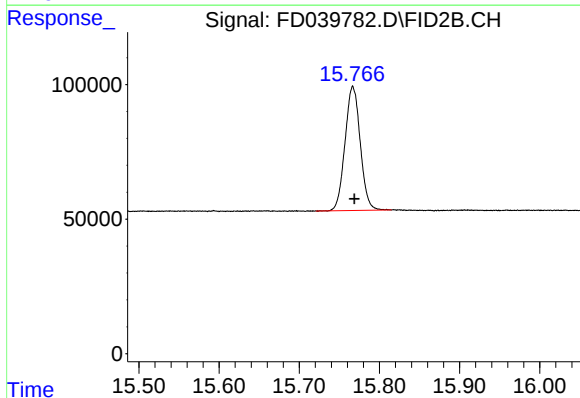
#13 n-Docosane (C22)

R.T.: 13.654 min
Delta R.T.: -0.002 min
Response: 609699
Conc: 4.75 ug/ml



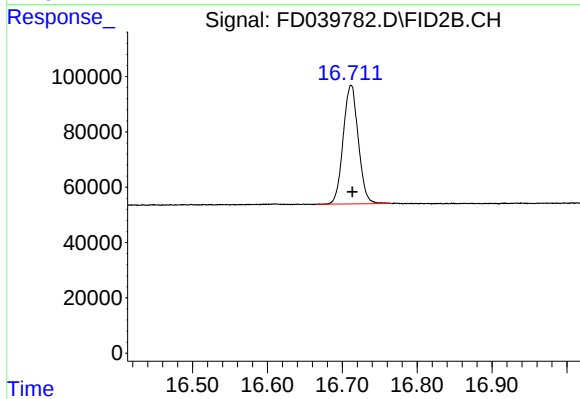
#14 n-Tetracosane (C24)

R.T.: 14.751 min
Delta R.T.: -0.002 min
Response: 628065
Conc: 4.78 ug/ml



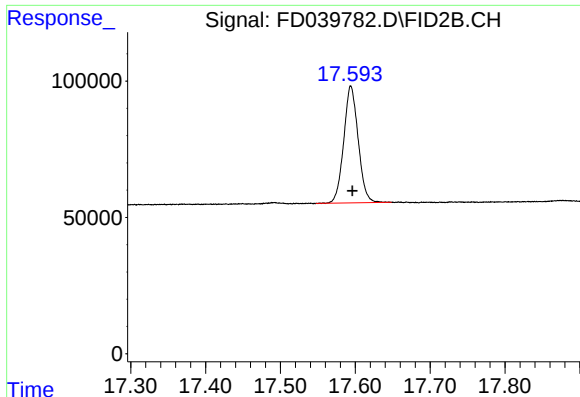
#15 n-Hexacosane (C26)

R.T.: 15.767 min
Delta R.T.: -0.002 min
Response: 608079
Conc: 4.71 ug/ml



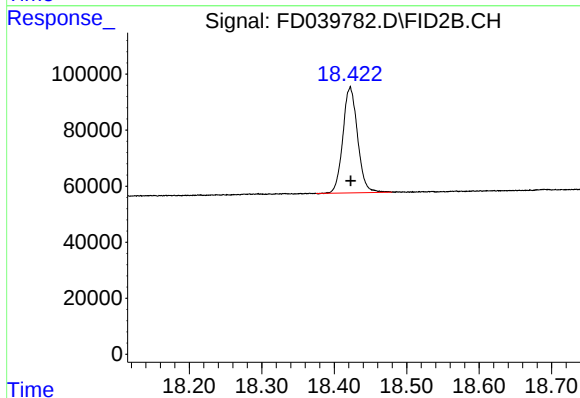
#16 n-Octacosane (C28)

R.T.: 16.712 min
Delta R.T.: -0.002 min
Response: 601964
Conc: 4.75 ug/ml



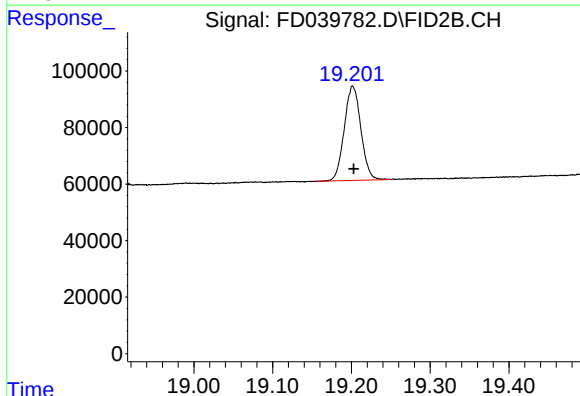
#17 n-Tricontane (C30)

R.T.: 17.594 min
Delta R.T.: -0.002 min
Response: 575096
Conc: 4.76 ug/ml



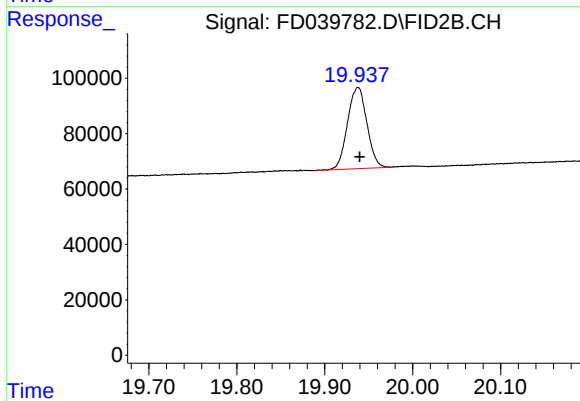
#18 n-Dotriacontane (C32)

R.T.: 18.422 min
Delta R.T.: 0.000 min
Response: 534018
Conc: 4.78 ug/ml



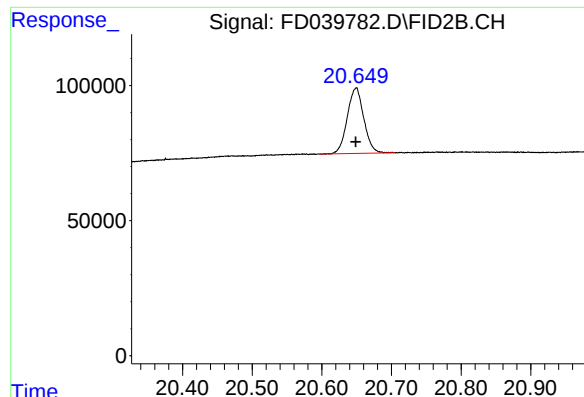
#19 n-Tetratriacontane (C34)

R.T.: 19.202 min
Delta R.T.: -0.001 min
Response: 489623
Conc: 4.71 ug/ml



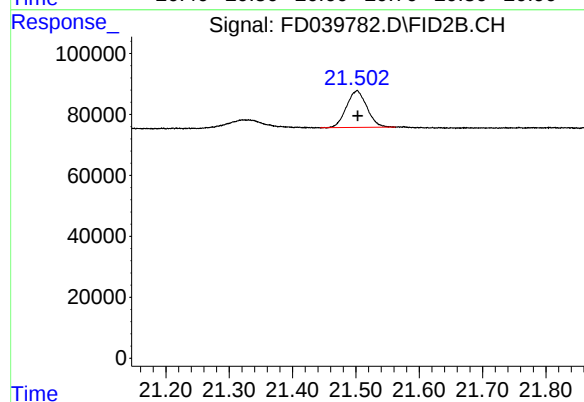
#20 n-Hexatriacontane (C36)

R.T.: 19.938 min
Delta R.T.: -0.002 min
Response: 449445
Conc: 4.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.649 min
Delta R.T.: 0.000 min
Response: 399830
Conc: 4.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.502 min
Delta R.T.: 0.000 min
Response: 270203
Conc: 3.47 ug/ml