

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120921AL\
 Data File : FD039781.D
 Signal(s) : FID2B.CH
 Acq On : 10 Dec 2021 9:26
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 10 10:36:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Dec 10 10:35:27 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)	11.473	1370601	9.893 ug/ml
Spiked Amount 50.000		Recovery =	19.79%
12) S 1-chlorooctadecane (S...	12.904	1048865	9.662 ug/ml
Spiked Amount 50.000		Recovery =	19.32%
Target Compounds			
1) T n-Nonane (C9)	3.277	1196079	9.810 ug/ml
2) T n-Decane (C10)	4.337	1196244	9.773 ug/ml
3) T A~Naphthalene (C11.7)	5.915	1260882	9.519 ug/ml
4) T n-Dodecane (C12)	6.344	1198154	9.823 ug/ml
5) T A~2-methylnaphthalene...	6.966	1235910	9.284 ug/ml
6) T n-Tetradecane (C14)	8.130	1198842	9.815 ug/ml
7) T n-Hexadecane (C16)	9.723	1205272	9.775 ug/ml
8) T n-Octadecane (C18)	11.158	1265826	9.866 ug/ml
10) T n-Eicosane (C20)	12.462	1270399	9.846 ug/ml
11) T n-Heneicosane (C21)	13.071	1291932	9.806 ug/ml
13) T n-Docosane (C22)	13.655	1288419	9.780 ug/ml
14) T n-Tetracosane (C24)	14.752	1313618	9.701 ug/ml
15) T n-Hexacosane (C26)	15.767	1289393	9.634 ug/ml
16) T n-Octacosane (C28)	16.713	1266362	9.591 ug/ml
17) T n-Tricontane (C30)	17.596	1201022	9.518 ug/ml
18) T n-Dotriacontane (C32)	18.423	1096582	9.425 ug/ml
19) T n-Tetratriacontane (C34)	19.203	1003309	9.317 ug/ml
20) T n-Hexatriacontane (C36)	19.938	939992	9.528 ug/ml
21) T n-Octatriacontane (C38)	20.649	878703	9.404 ug/ml
22) T n-Tetracontane (C40)	21.500	706123	8.324 ug/ml

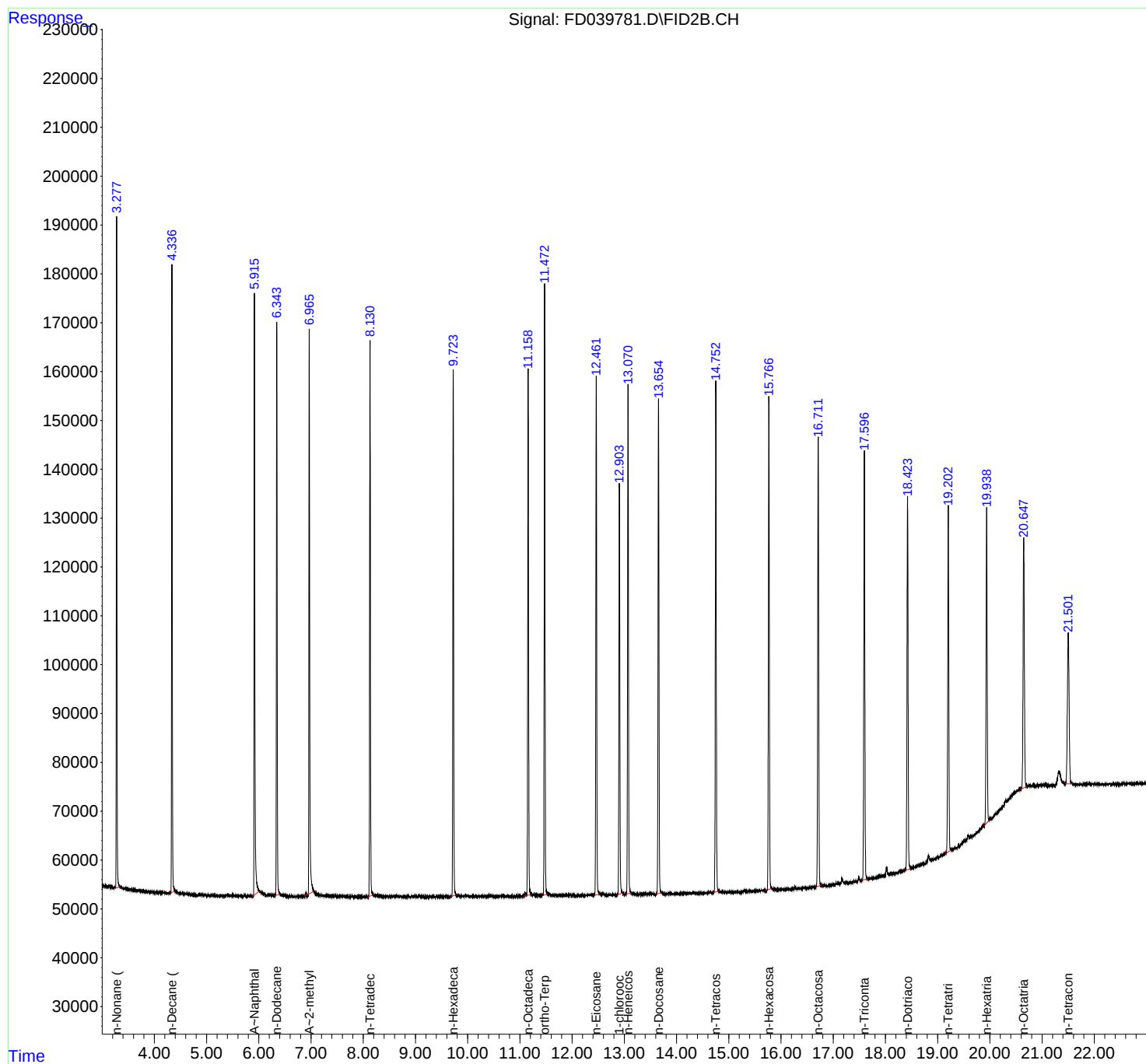
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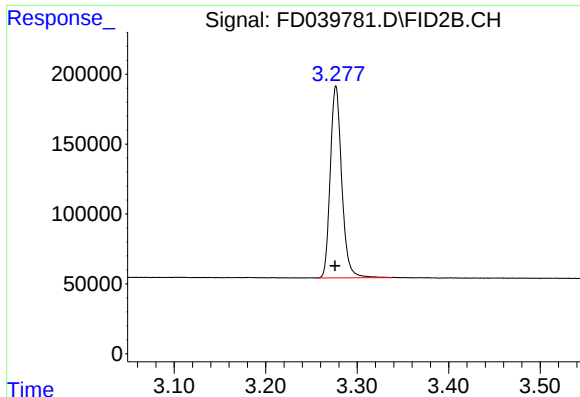
(m)=manual int.

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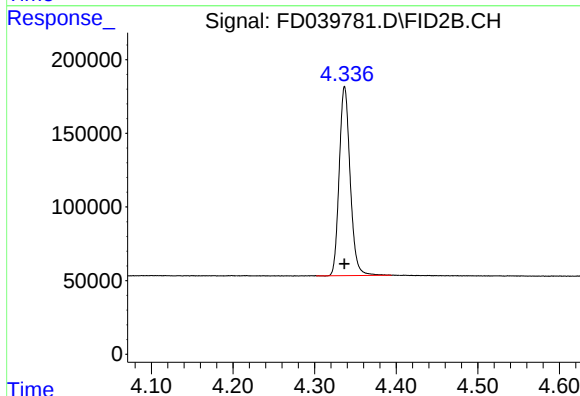
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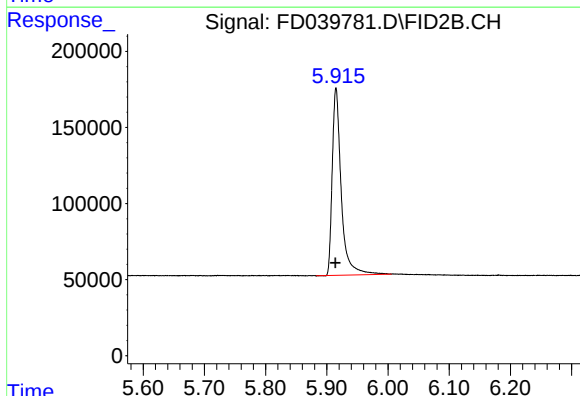
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 1196079
Conc: 9.81 ug/ml



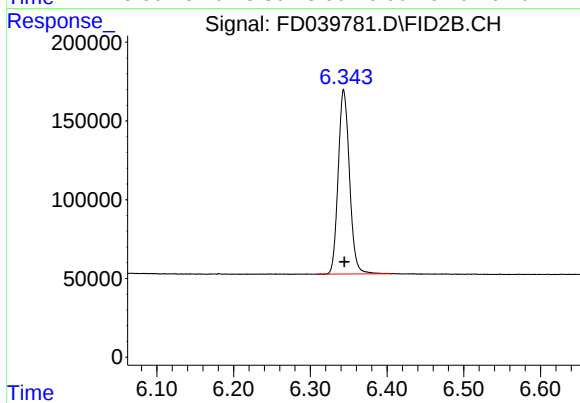
#2 n-Decane (C10)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 1196244
Conc: 9.77 ug/ml



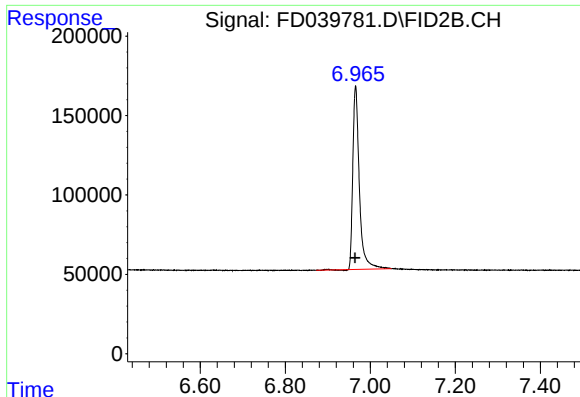
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: 0.001 min
Response: 1260882
Conc: 9.52 ug/ml



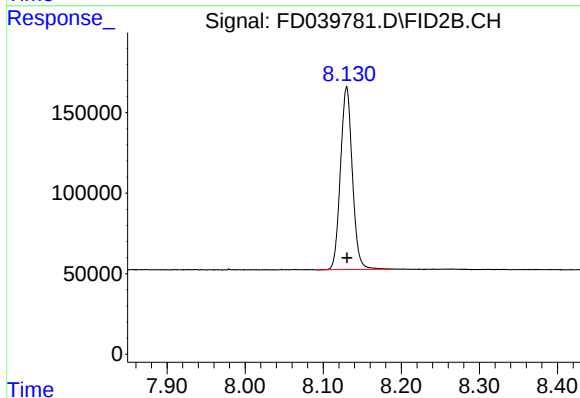
#4 n-Dodecane (C12)

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 1198154
Conc: 9.82 ug/ml



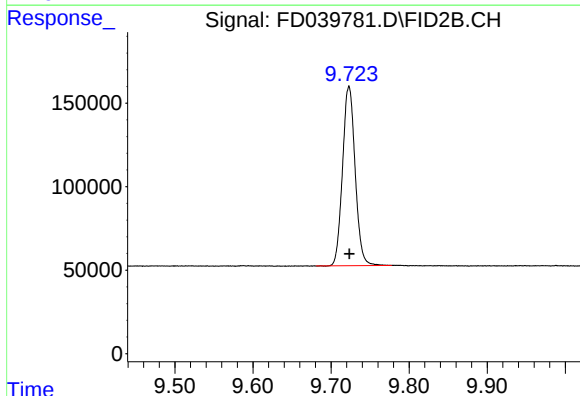
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.966 min
Delta R.T.: 0.001 min
Response: 1235910
Conc: 9.28 ug/ml



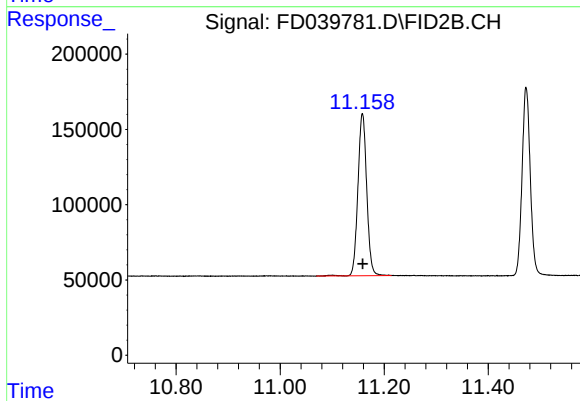
#6 n-Tetradecane (C14)

R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 1198842
Conc: 9.82 ug/ml



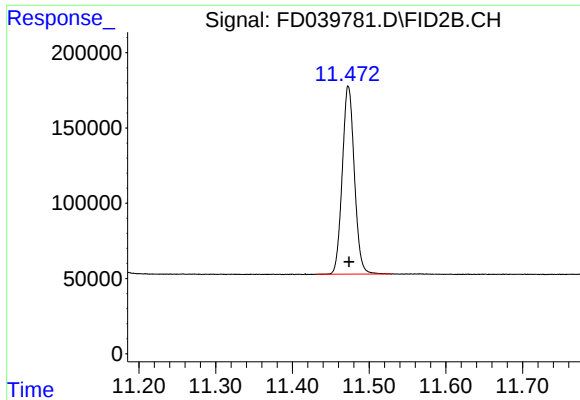
#7 n-Hexadecane (C16)

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 1205272
Conc: 9.78 ug/ml



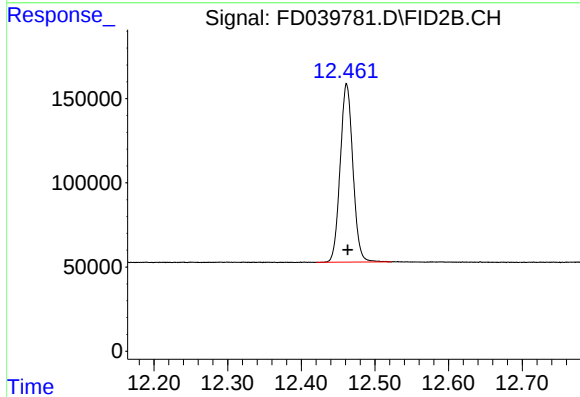
#8 n-Octadecane (C18)

R.T.: 11.158 min
Delta R.T.: 0.000 min
Response: 1265826
Conc: 9.87 ug/ml



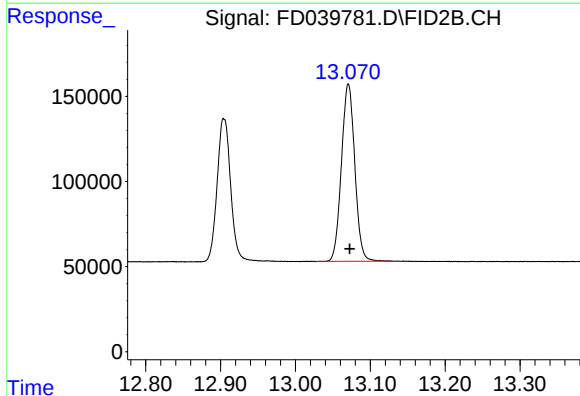
#9 ortho-Terphenyl (SURR)

R.T.: 11.473 min
Delta R.T.: 0.000 min
Response: 1370601
Conc: 9.89 ug/ml



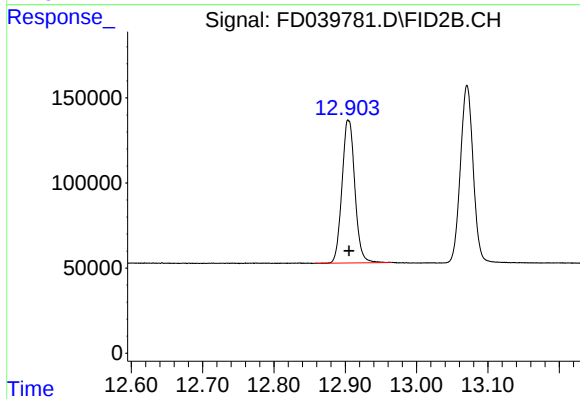
#10 n-Eicosane (C20)

R.T.: 12.462 min
Delta R.T.: -0.002 min
Response: 1270399
Conc: 9.85 ug/ml



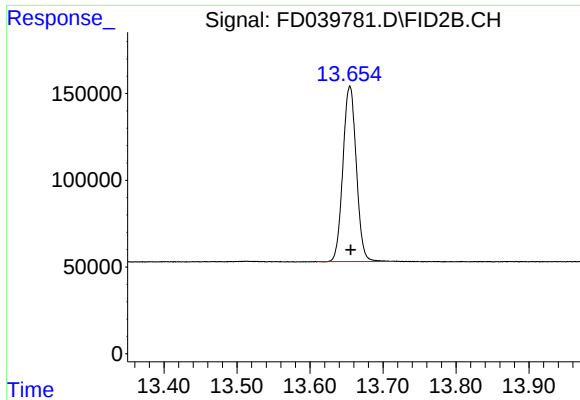
#11 n-Heneicosane (C21)

R.T.: 13.071 min
Delta R.T.: -0.002 min
Response: 1291932
Conc: 9.81 ug/ml



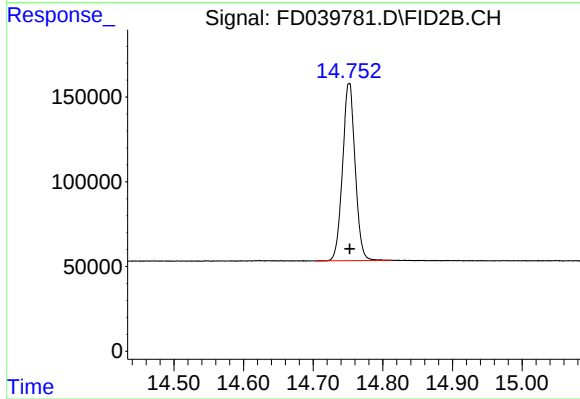
#12 1-chlorooctadecane (SURR)

R.T.: 12.904 min
Delta R.T.: 0.000 min
Response: 1048865
Conc: 9.66 ug/ml



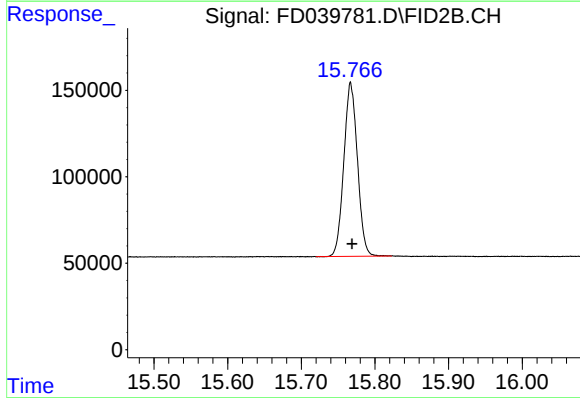
#13 n-Docosane (C22)

R.T.: 13.655 min
Delta R.T.: -0.001 min
Response: 1288419
Conc: 9.78 ug/ml



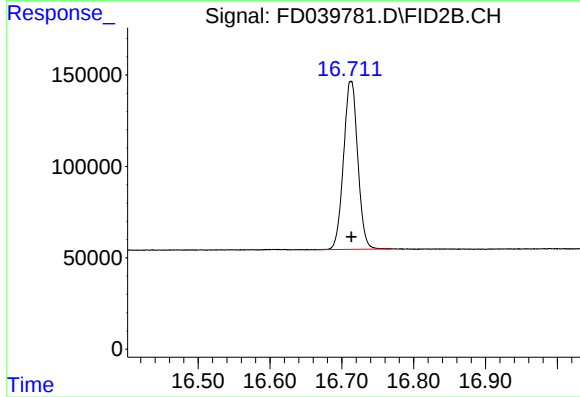
#14 n-Tetracosane (C24)

R.T.: 14.752 min
Delta R.T.: 0.000 min
Response: 1313618
Conc: 9.70 ug/ml



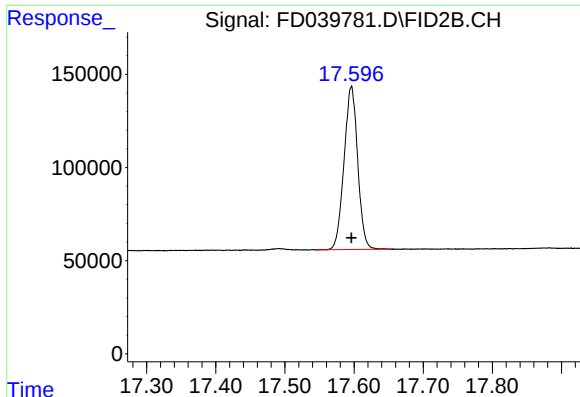
#15 n-Hexacosane (C26)

R.T.: 15.767 min
Delta R.T.: -0.002 min
Response: 1289393
Conc: 9.63 ug/ml



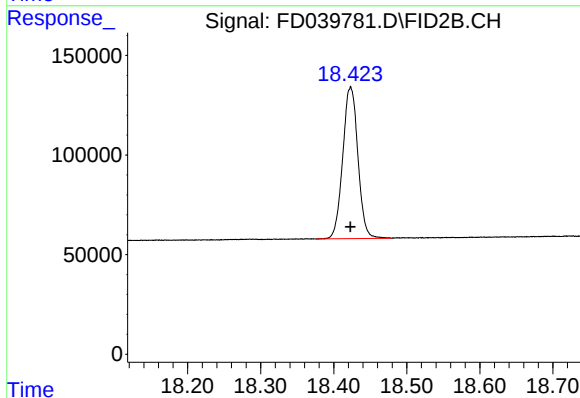
#16 n-Octacosane (C28)

R.T.: 16.713 min
Delta R.T.: 0.000 min
Response: 1266362
Conc: 9.59 ug/ml



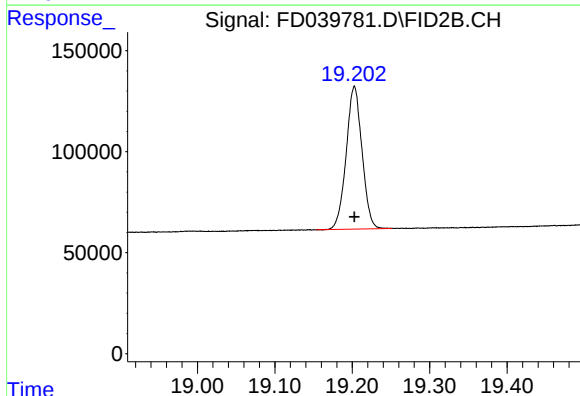
#17 n-Tricontane (C30)

R.T.: 17.596 min
Delta R.T.: 0.000 min
Response: 1201022
Conc: 9.52 ug/ml



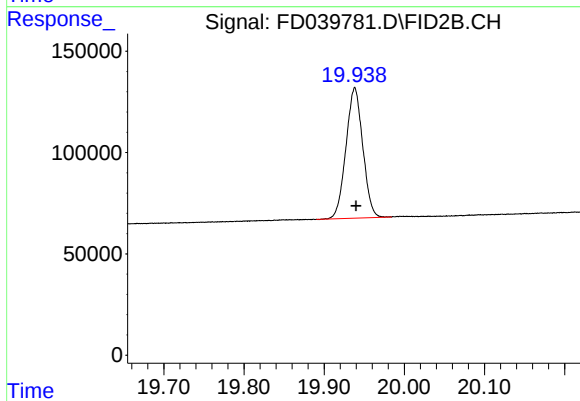
#18 n-Dotriacontane (C32)

R.T.: 18.423 min
Delta R.T.: 0.000 min
Response: 1096582
Conc: 9.43 ug/ml



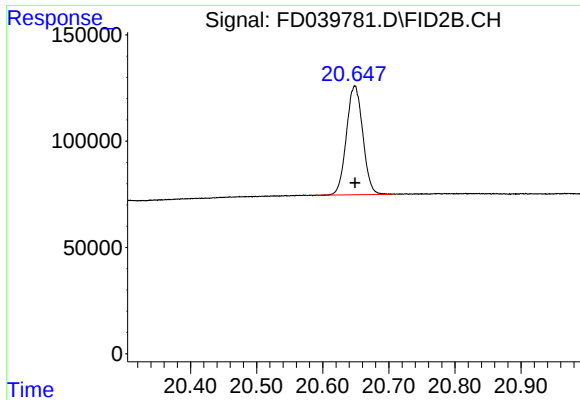
#19 n-Tetratriacontane (C34)

R.T.: 19.203 min
Delta R.T.: 0.000 min
Response: 1003309
Conc: 9.32 ug/ml



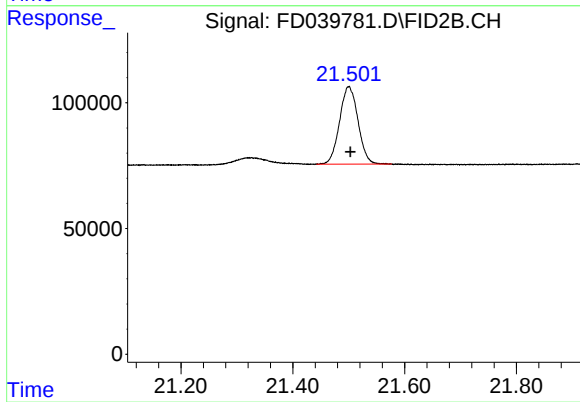
#20 n-Hexatriacontane (C36)

R.T.: 19.938 min
Delta R.T.: -0.002 min
Response: 939992
Conc: 9.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.649 min
Delta R.T.: 0.000 min
Response: 878703
Conc: 9.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.500 min
Delta R.T.: -0.003 min
Response: 706123
Conc: 8.32 ug/ml