

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051321AL\
 Data File : FD037485.D
 Signal(s) : FID2B.CH
 Acq On : 13 May 2021 23:03
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 14 02:00:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 01:59:06 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)	11.456	604146	5.316 ug/ml
Spiked Amount 50.000		Recovery =	10.63%
12) S 1-chlorooctadecane (S...	12.891	463176	5.262 ug/ml
Spiked Amount 50.000		Recovery =	10.52%
Target Compounds			
1) T n-Nonane (C9)	3.261	523405	5.361 ug/ml
2) T n-Decane (C10)	4.323	521357	5.291 ug/ml
3) T A~Naphthalene (C11.7)	5.896	576559	5.181 ug/ml
4) T n-Dodecane (C12)	6.331	529631	5.256 ug/ml
5) T A~2-methylnaphthalene...	6.947	579416	5.110 ug/ml
6) T n-Tetradecane (C14)	8.119	532919	5.253 ug/ml
7) T n-Hexadecane (C16)	9.711	525051	5.223 ug/ml
8) T n-Octadecane (C18)	11.146	552242	5.258 ug/ml
10) T n-Eicosane (C20)	12.450	559281	5.292 ug/ml
11) T n-Heneicosane (C21)	13.059	559858	5.307 ug/ml
13) T n-Docosane (C22)	13.642	556703	5.282 ug/ml
14) T n-Tetracosane (C24)	14.740	557944	5.310 ug/ml
15) T n-Hexacosane (C26)	15.755	544479	5.248 ug/ml
16) T n-Octacosane (C28)	16.699	543128	5.266 ug/ml
17) T n-Tricontane (C30)	17.582	542663	5.286 ug/ml
18) T n-Dotriacontane (C32)	18.410	548104	5.429 ug/ml
19) T n-Tetratriacontane (C34)	19.188	523746	5.274 ug/ml
20) T n-Hexatriacontane (C36)	19.923	467109	4.939 ug/ml
21) T n-Octatriacontane (C38)	20.631	462356	5.121 ug/ml
22) T n-Tetracontane (C40)	21.474	503720	5.464 ug/ml

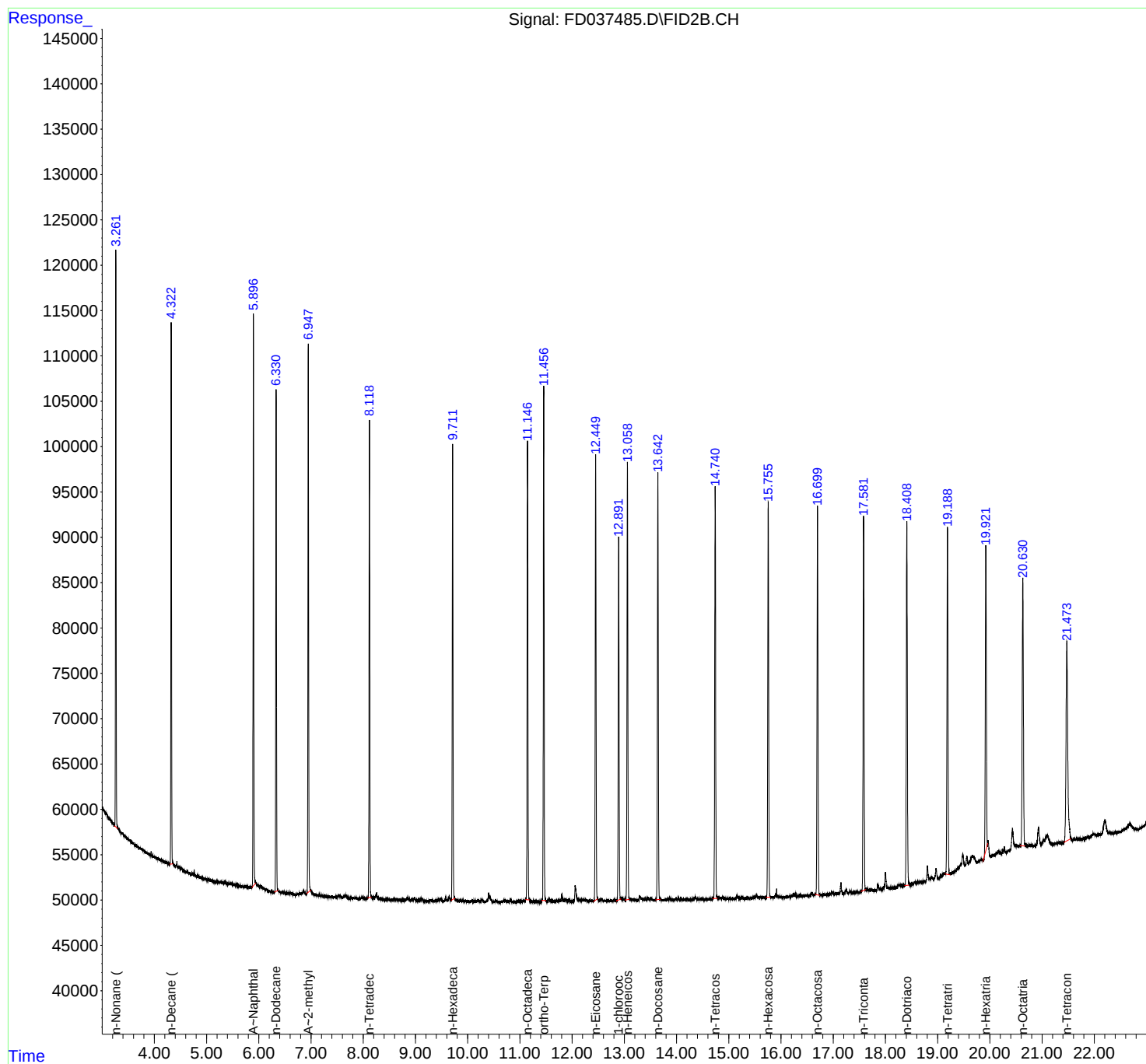
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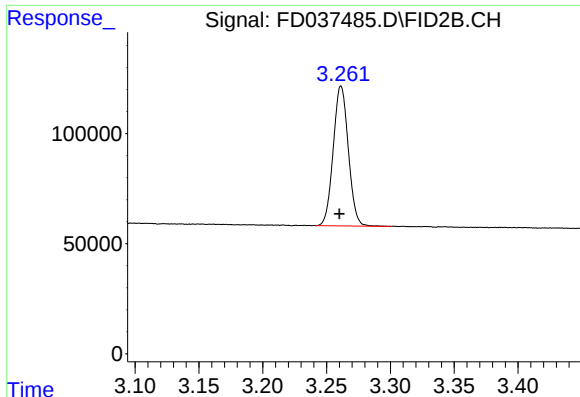
(m)=manual int.

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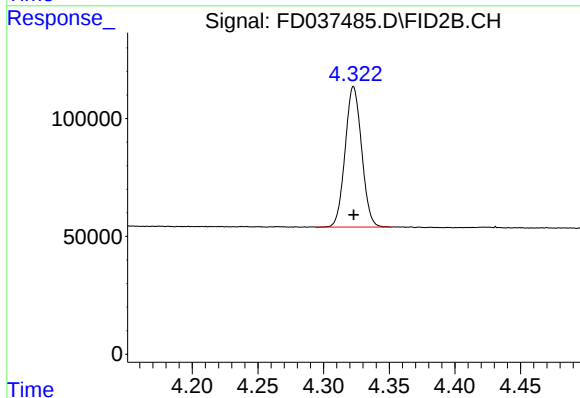
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





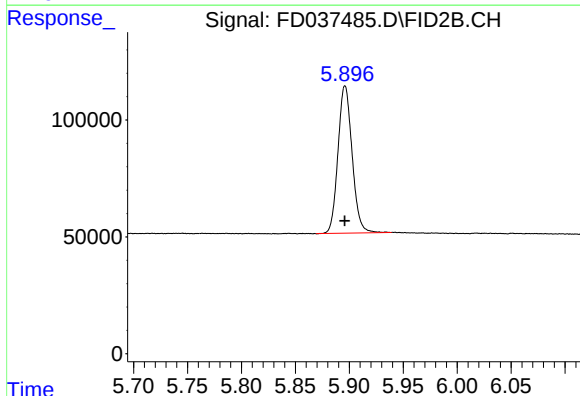
#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: 0.001 min
Response: 523405
Conc: 5.36 ug/ml



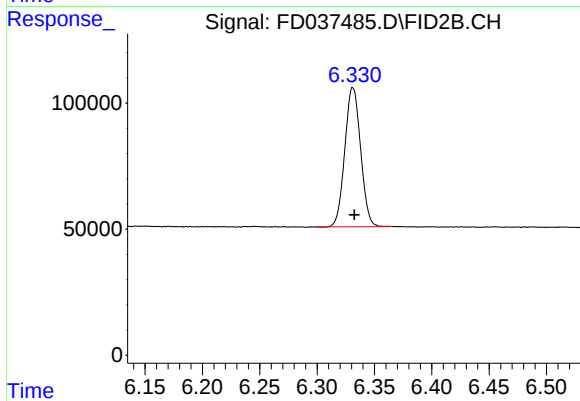
#2 n-Decane (C10)

R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 521357
Conc: 5.29 ug/ml



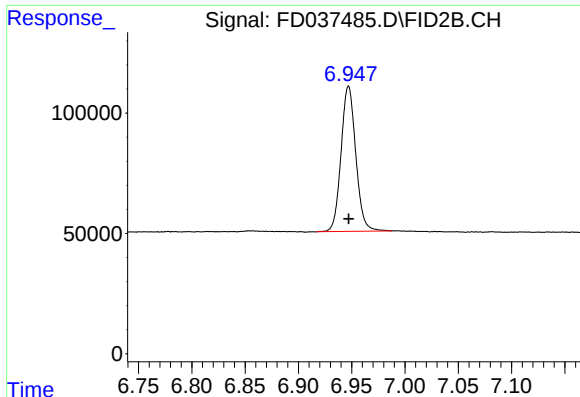
#3 A~Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 576559
Conc: 5.18 ug/ml



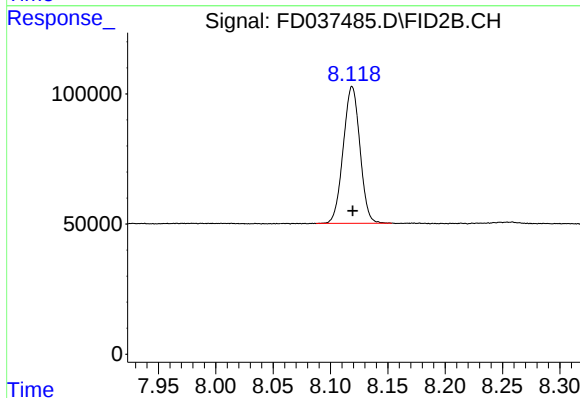
#4 n-Dodecane (C12)

R.T.: 6.331 min
Delta R.T.: -0.001 min
Response: 529631
Conc: 5.26 ug/ml



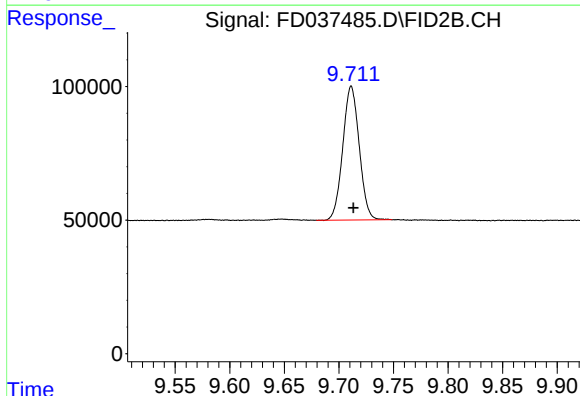
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 579416
Conc: 5.11 ug/ml



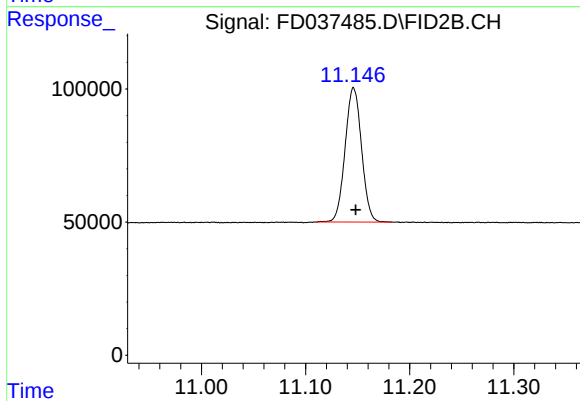
#6 n-Tetradecane (C14)

R.T.: 8.119 min
Delta R.T.: 0.000 min
Response: 532919
Conc: 5.25 ug/ml



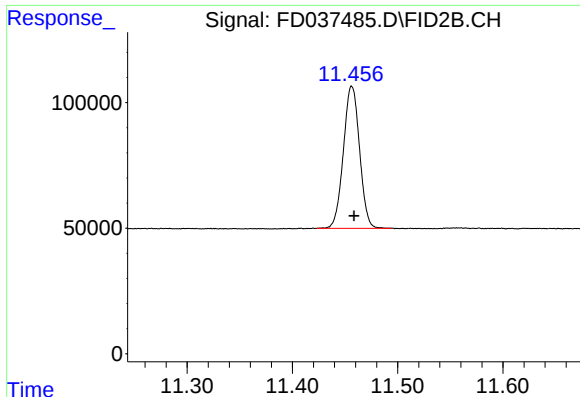
#7 n-Hexadecane (C16)

R.T.: 9.711 min
Delta R.T.: -0.002 min
Response: 525051
Conc: 5.22 ug/ml



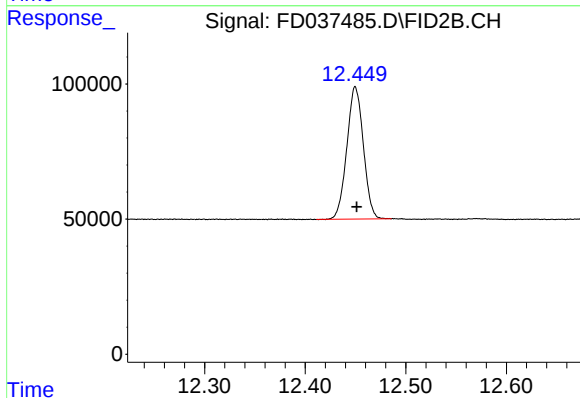
#8 n-Octadecane (C18)

R.T.: 11.146 min
Delta R.T.: -0.002 min
Response: 552242
Conc: 5.26 ug/ml



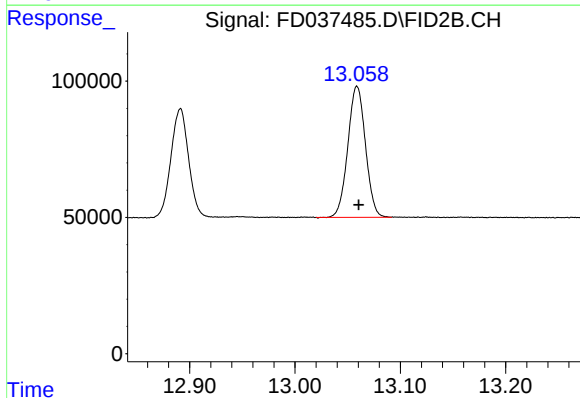
#9 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: -0.002 min
Response: 604146
Conc: 5.32 ug/ml



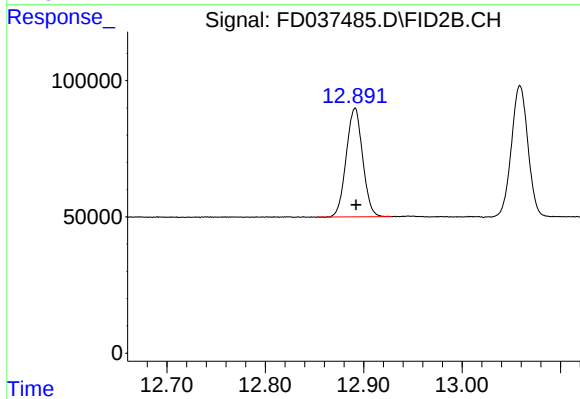
#10 n-Eicosane (C20)

R.T.: 12.450 min
Delta R.T.: -0.001 min
Response: 559281
Conc: 5.29 ug/ml



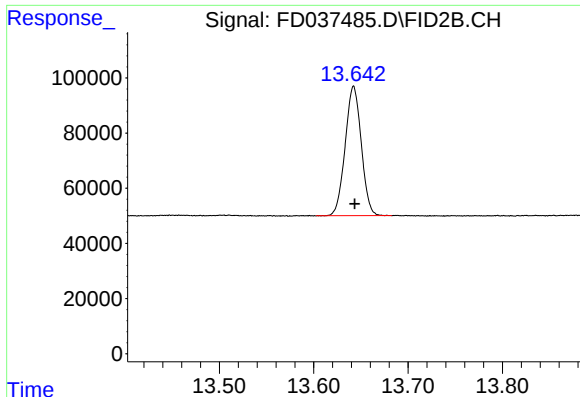
#11 n-Heneicosane (C21)

R.T.: 13.059 min
Delta R.T.: -0.002 min
Response: 559858
Conc: 5.31 ug/ml



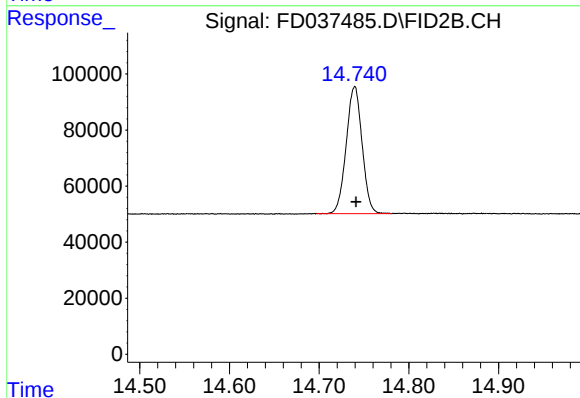
#12 1-chlorooctadecane (SURR)

R.T.: 12.891 min
Delta R.T.: -0.001 min
Response: 463176
Conc: 5.26 ug/ml



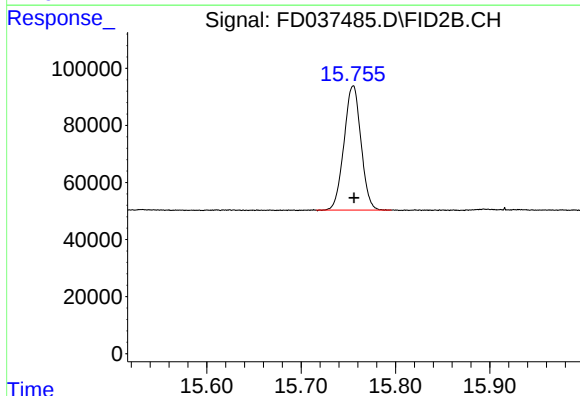
#13 n-Docosane (C22)

R.T.: 13.642 min
Delta R.T.: -0.001 min
Response: 556703
Conc: 5.28 ug/ml



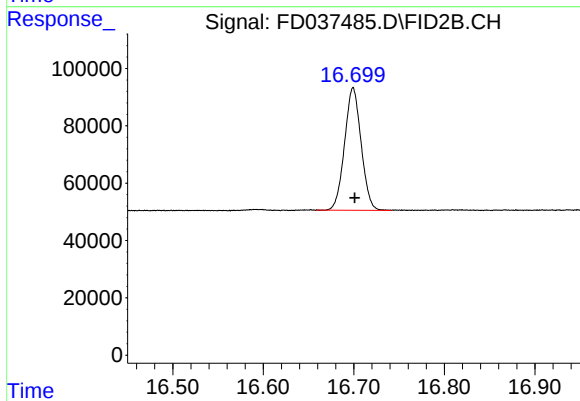
#14 n-Tetracosane (C24)

R.T.: 14.740 min
Delta R.T.: -0.001 min
Response: 557944
Conc: 5.31 ug/ml



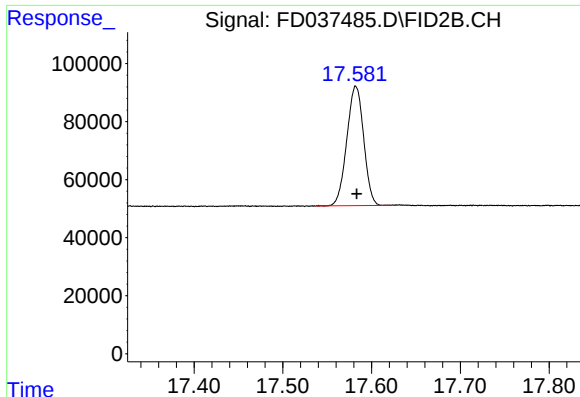
#15 n-Hexacosane (C26)

R.T.: 15.755 min
Delta R.T.: 0.000 min
Response: 544479
Conc: 5.25 ug/ml



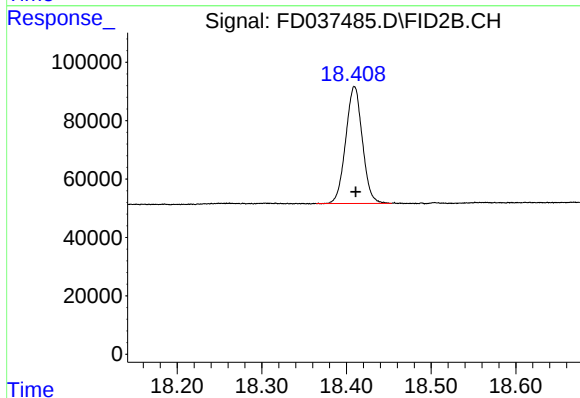
#16 n-Octacosane (C28)

R.T.: 16.699 min
Delta R.T.: -0.002 min
Response: 543128
Conc: 5.27 ug/ml



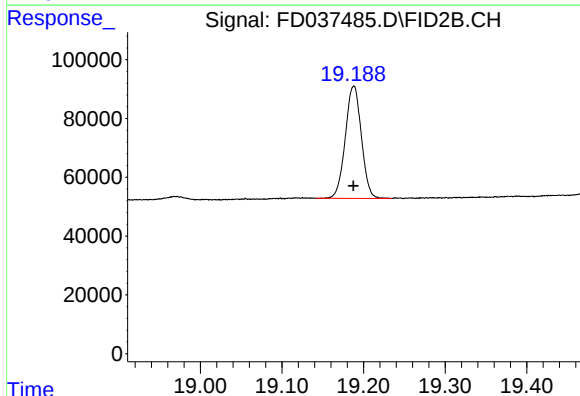
#17 n-Tricontane (C30)

R.T.: 17.582 min
Delta R.T.: -0.001 min
Response: 542663
Conc: 5.29 ug/ml



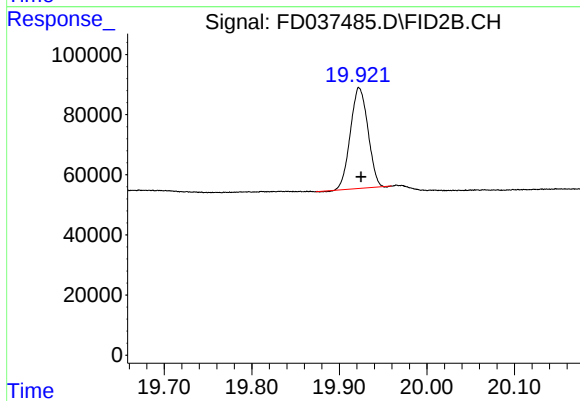
#18 n-Dotriacontane (C32)

R.T.: 18.410 min
Delta R.T.: -0.001 min
Response: 548104
Conc: 5.43 ug/ml



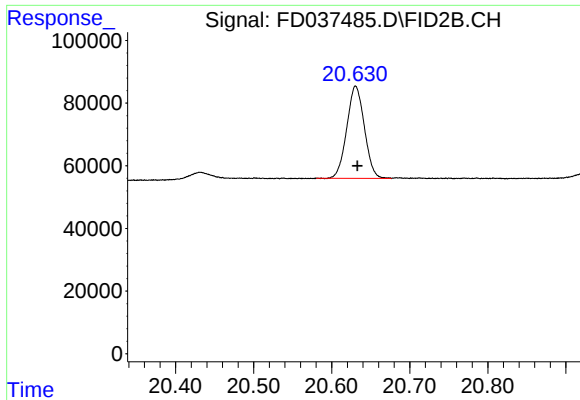
#19 n-Tetratriacontane (C34)

R.T.: 19.188 min
Delta R.T.: 0.000 min
Response: 523746
Conc: 5.27 ug/ml



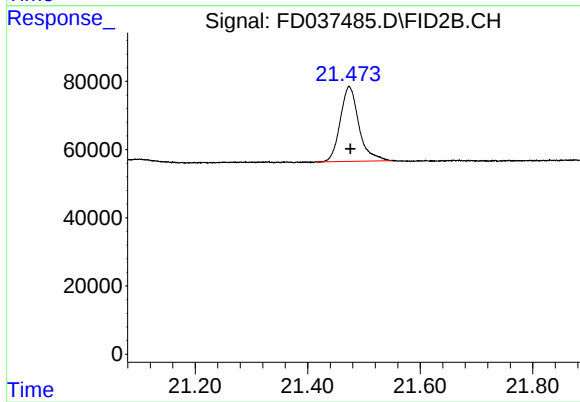
#20 n-Hexatriacontane (C36)

R.T.: 19.923 min
Delta R.T.: -0.002 min
Response: 467109
Conc: 4.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.631 min
Delta R.T.: -0.002 min
Response: 462356
Conc: 5.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.474 min
Delta R.T.: -0.003 min
Response: 503720
Conc: 5.46 ug/ml