

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020822AL\
 Data File : FD040910.D
 Signal(s) : FID2B.CH
 Acq On : 09 Feb 2022 2:23
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 09 03:00:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 09 02:59:19 2022
 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)	11.235	270250	9.667 ug/ml
Spiked Amount 50.000		Recovery =	19.33%
12) S 1-chlorooctadecane (S...	12.676	197270	9.286 ug/ml
Spiked Amount 50.000		Recovery =	18.57%
Target Compounds			
1) T n-Nonane (C9)	3.083	213954	9.407 ug/ml
2) T n-Decane (C10)	4.141	210447	9.169 ug/ml
3) T A~Naphthalene (C11.7)	5.702	188131	8.612 ug/ml
4) T n-Dodecane (C12)	6.143	218044	9.286 ug/ml
5) T A~2-methylnaphthalene...	6.749	169818	7.830 ug/ml
6) T n-Tetradecane (C14)	7.921	228736	9.496 ug/ml
7) T n-Hexadecane (C16)	9.508	229936	9.370 ug/ml
8) T n-Octadecane (C18)	10.938	243856	9.623 ug/ml
10) T n-Eicosane (C20)	12.239	242659	9.669 ug/ml
11) T n-Heneicosane (C21)	12.845	247807	9.726 ug/ml
13) T n-Docosane (C22)	13.428	243063	9.655 ug/ml
14) T n-Tetracosane (C24)	14.524	241520	9.671 ug/ml
15) T n-Hexacosane (C26)	15.538	236549	9.686 ug/ml
16) T n-Octacosane (C28)	16.482	234073	9.638 ug/ml
17) T n-Tricontane (C30)	17.365	231490	9.679 ug/ml
18) T n-Dotriacontane (C32)	18.193	219962	9.750 ug/ml
19) T n-Tetratriacontane (C34)	18.972	207246	9.515 ug/ml
20) T n-Hexatriacontane (C36)	19.709	188537	9.367 ug/ml
21) T n-Octatriacontane (C38)	20.405	179251	9.323 ug/ml
22) T n-Tetracontane (C40)	21.188	186050	9.687 ug/ml

(f)=RT Delta > 1/2 Window

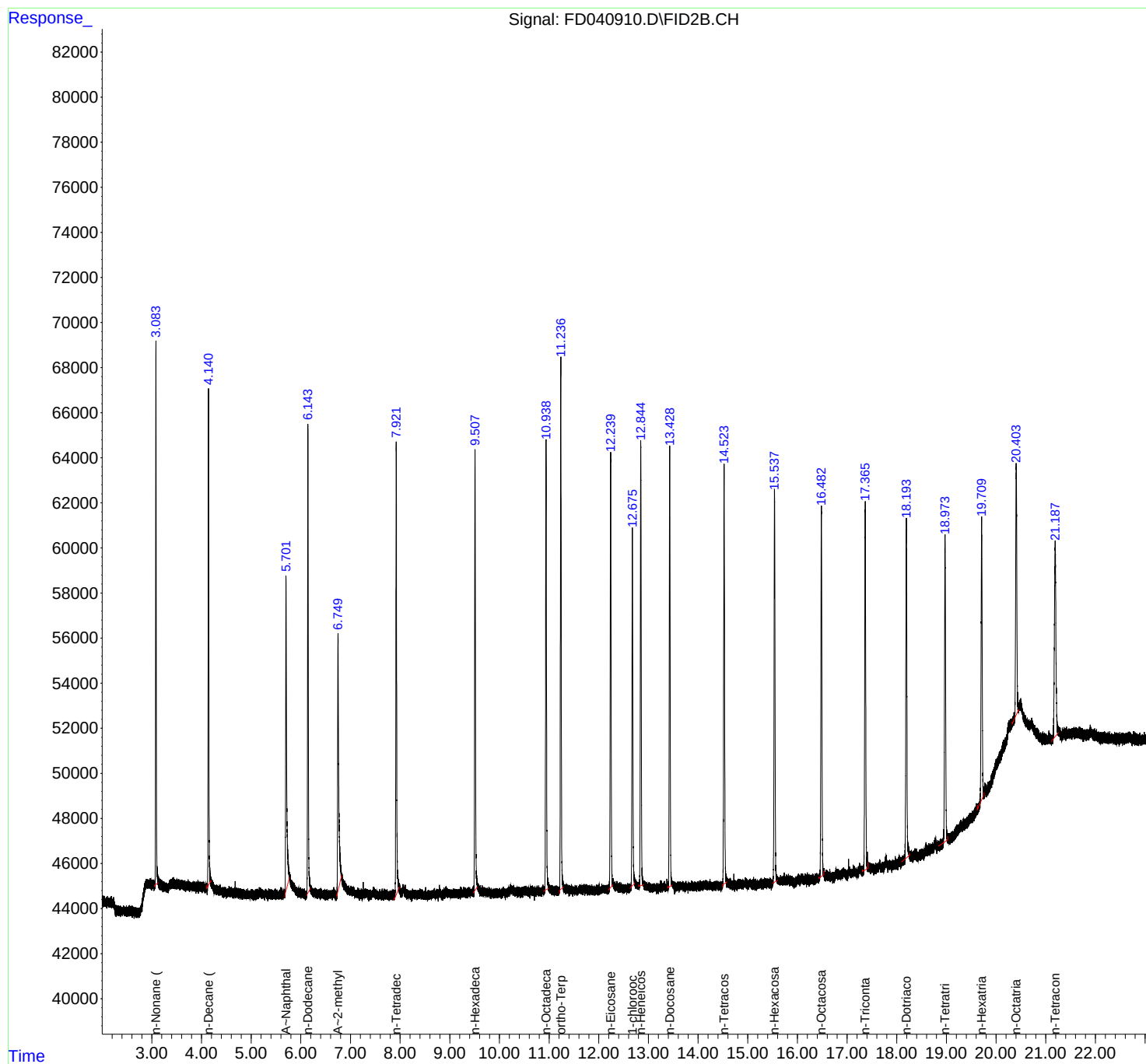
(m)=manual int.

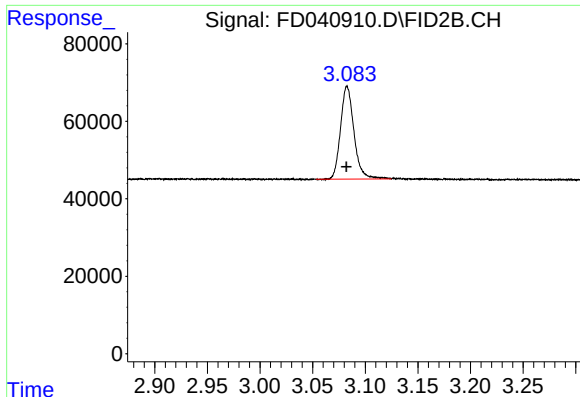
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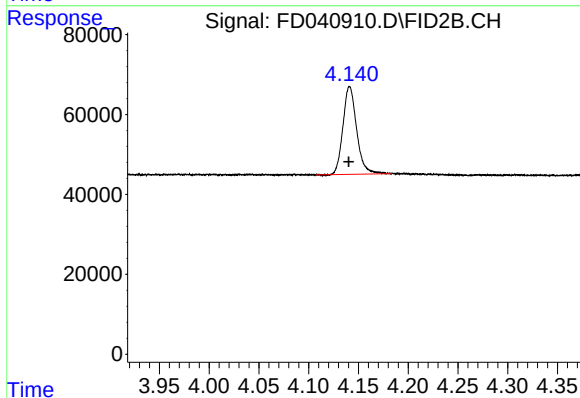




#1 n-Nonane (C9)

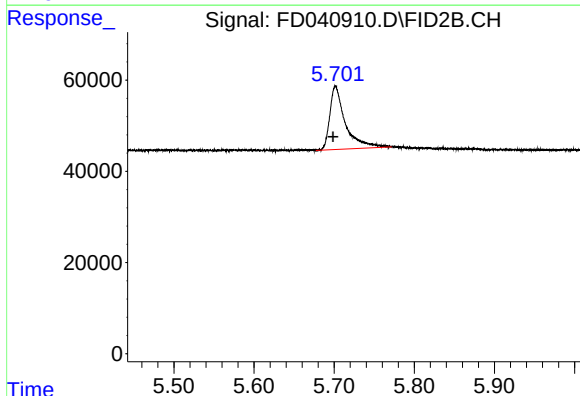
R.T.: 3.083 min
Delta R.T.: 0.000 min
Response: 213954
Conc: 9.41 ug/ml

Instrument :
ECD_L
ClientSampleId :



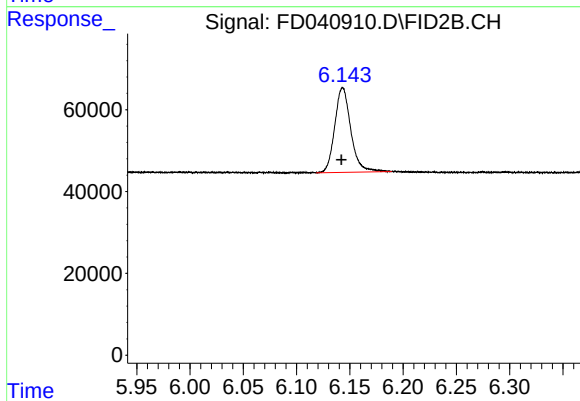
#2 n-Decane (C10)

R.T.: 4.141 min
Delta R.T.: 0.000 min
Response: 210447
Conc: 9.17 ug/ml



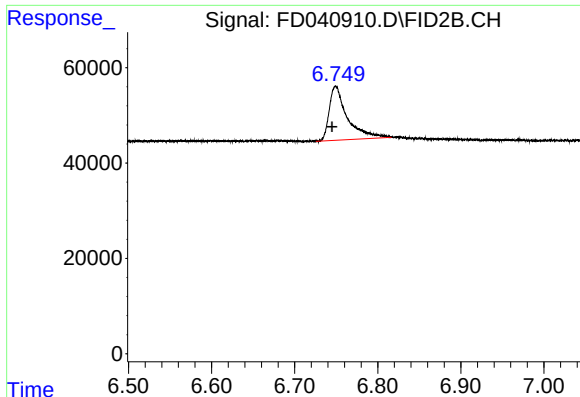
#3 A~Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: 0.003 min
Response: 188131
Conc: 8.61 ug/ml



#4 n-Dodecane (C12)

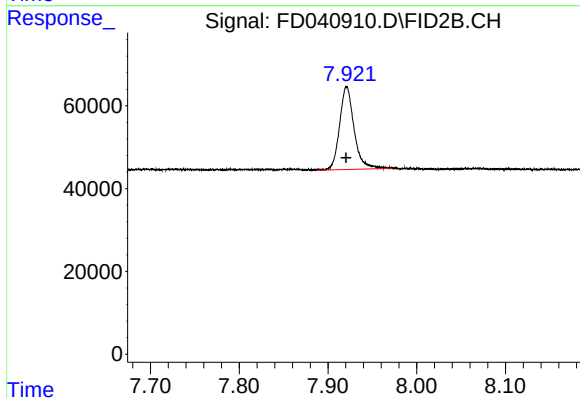
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 218044
Conc: 9.29 ug/ml



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

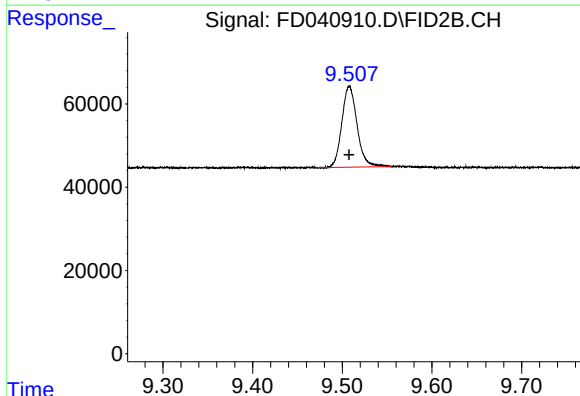
R.T.: 6.749 min
Delta R.T.: 0.004 min
Response: 169818
Conc: 7.83 ug/ml

Instrument :
ECD_L
ClientSampleId :



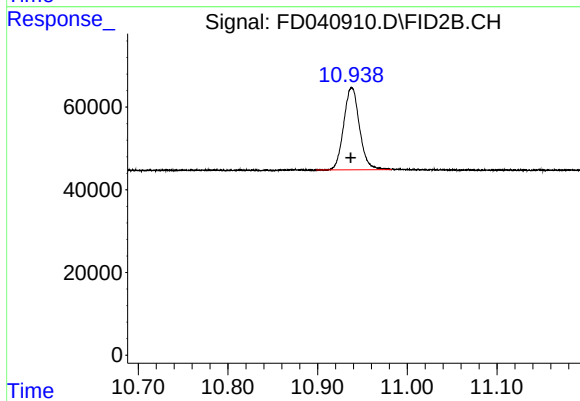
#6 n-Tetradecane (C14)

R.T.: 7.921 min
Delta R.T.: 0.000 min
Response: 228736
Conc: 9.50 ug/ml



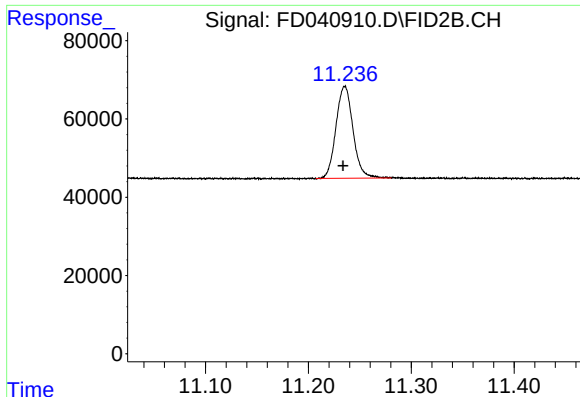
#7 n-Hexadecane (C16)

R.T.: 9.508 min
Delta R.T.: 0.000 min
Response: 229936
Conc: 9.37 ug/ml



#8 n-Octadecane (C18)

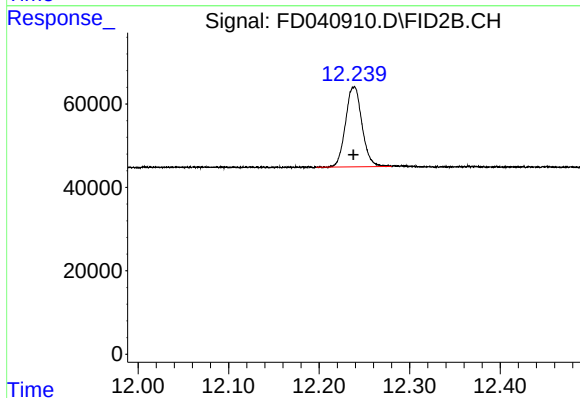
R.T.: 10.938 min
Delta R.T.: 0.001 min
Response: 243856
Conc: 9.62 ug/ml



#9 ortho-Terphenyl (SURR)

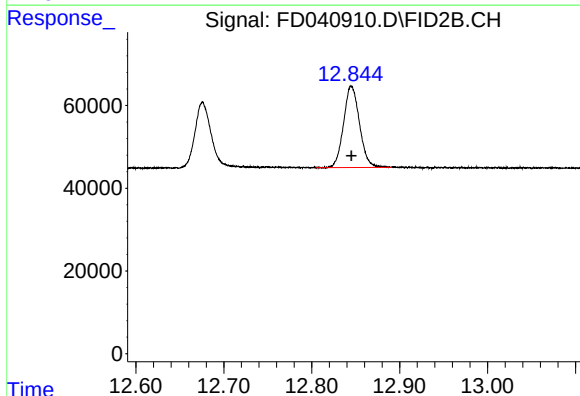
R.T.: 11.235 min
Delta R.T.: 0.002 min
Response: 270250
Conc: 9.67 ug/ml

Instrument :
ECD_L
ClientSampleId :



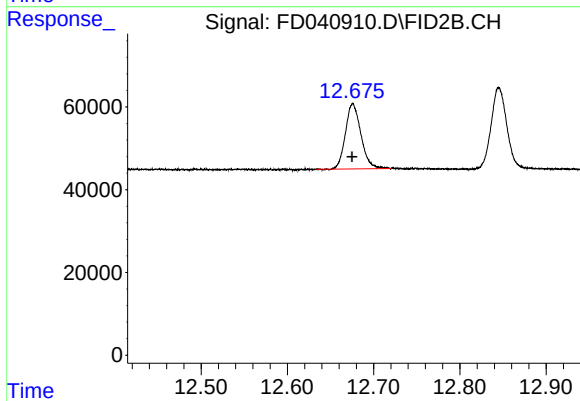
#10 n-Eicosane (C20)

R.T.: 12.239 min
Delta R.T.: 0.000 min
Response: 242659
Conc: 9.67 ug/ml



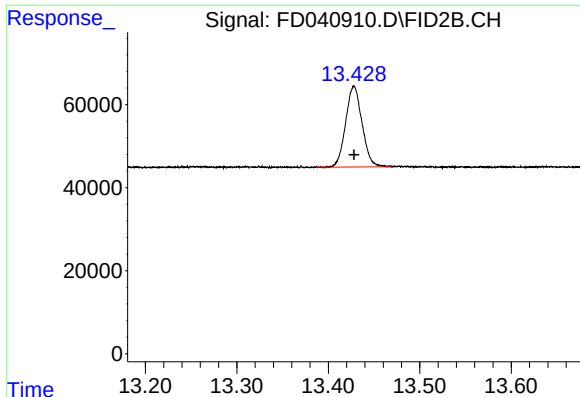
#11 n-Heneicosane (C21)

R.T.: 12.845 min
Delta R.T.: 0.000 min
Response: 247807
Conc: 9.73 ug/ml



#12 1-chlorooctadecane (SURR)

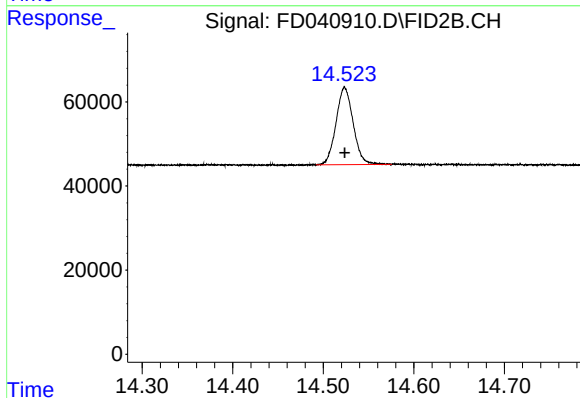
R.T.: 12.676 min
Delta R.T.: 0.000 min
Response: 197270
Conc: 9.29 ug/ml



#13 n-Docosane (C22)

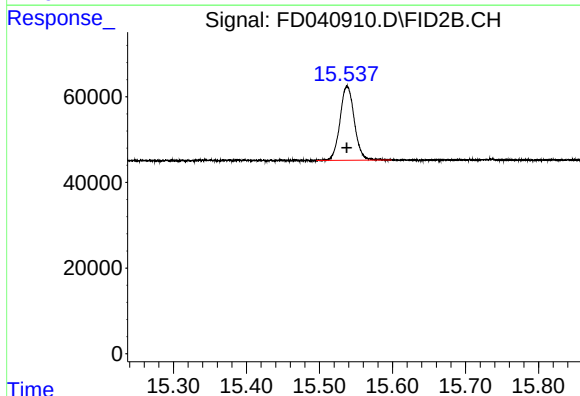
R.T.: 13.428 min
Delta R.T.: 0.000 min
Response: 243063
Conc: 9.66 ug/ml

Instrument :
ECD_L
ClientSampleId :



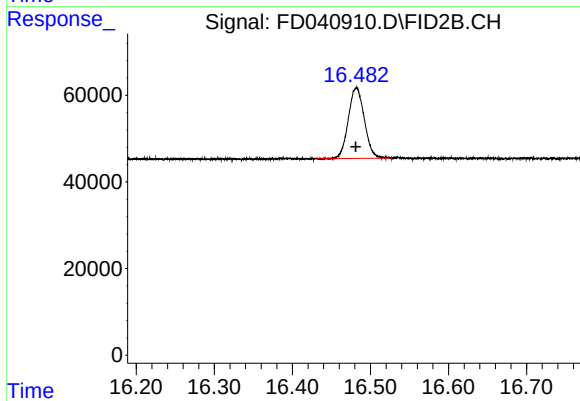
#14 n-Tetracosane (C24)

R.T.: 14.524 min
Delta R.T.: 0.000 min
Response: 241520
Conc: 9.67 ug/ml



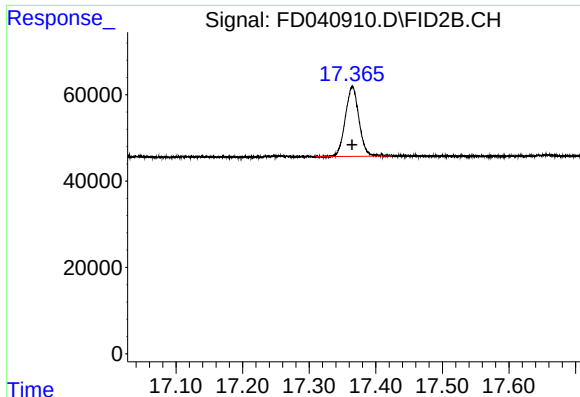
#15 n-Hexacosane (C26)

R.T.: 15.538 min
Delta R.T.: 0.000 min
Response: 236549
Conc: 9.69 ug/ml



#16 n-Octacosane (C28)

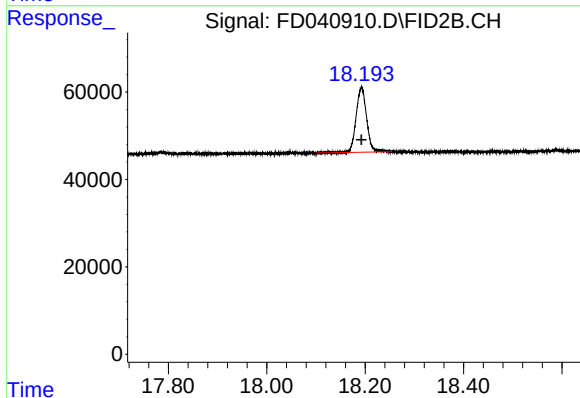
R.T.: 16.482 min
Delta R.T.: 0.000 min
Response: 234073
Conc: 9.64 ug/ml



#17 n-Tricontane (C30)

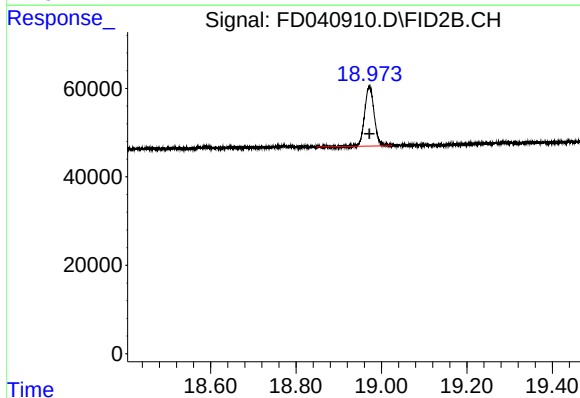
R.T.: 17.365 min
Delta R.T.: 0.000 min
Response: 231490
Conc: 9.68 ug/ml

Instrument :
ECD_L
ClientSampleId :



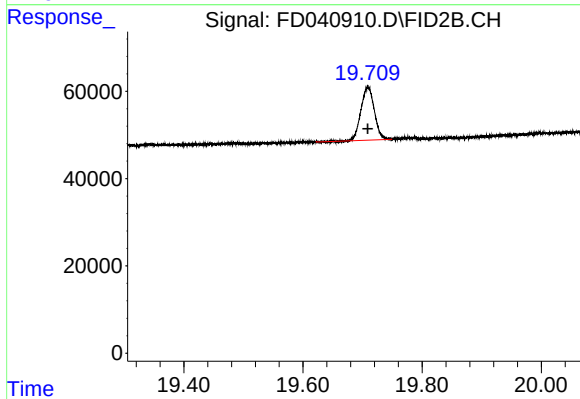
#18 n-Dotriacontane (C32)

R.T.: 18.193 min
Delta R.T.: 0.000 min
Response: 219962
Conc: 9.75 ug/ml



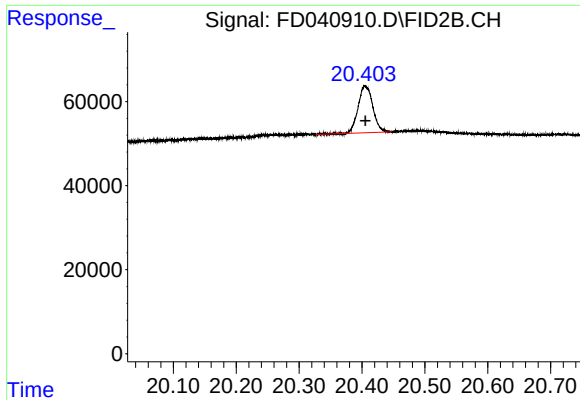
#19 n-Tetratriacontane (C34)

R.T.: 18.972 min
Delta R.T.: 0.000 min
Response: 207246
Conc: 9.51 ug/ml



#20 n-Hexatriacontane (C36)

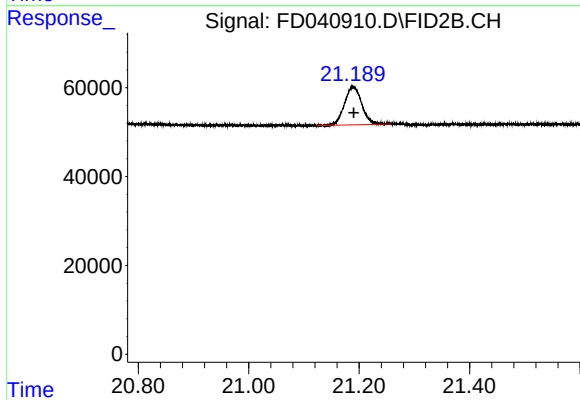
R.T.: 19.709 min
Delta R.T.: 0.000 min
Response: 188537
Conc: 9.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.405 min
Delta R.T.: 0.000 min
Response: 179251
Conc: 9.32 ug/ml

Instrument :
ECD_L
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.188 min
Delta R.T.: -0.002 min
Response: 186050
Conc: 9.69 ug/ml