

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121222AL\
 Data File : FD044640.D
 Signal(s) : FID2B.ch
 Acq On : 12 Dec 2022 20:36
 Operator : YP/AJ
 Sample : N5994-04
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 13 03:29:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 03:56:58 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.567	4563348	29.965 ug/ml
Spiked Amount 50.000		Recovery =	59.93%
12) S 1-chlorooctadecane (S...	12.991	3999370	34.316 ug/ml
Spiked Amount 50.000		Recovery =	68.63%
Target Compounds			
7) T n-Hexadecane (C16)	9.848	236880	1.689 ug/ml
8) T n-Octadecane (C18)	11.261	184045	1.314 ug/ml
10) T n-Eicosane (C20)	12.525	21997	0.163 ug/ml
11) T n-Heneicosane (C21)	13.165	834570	6.175 ug/ml
13) T n-Docosane (C22)	13.757	1408533	10.582 ug/ml
14) T n-Tetracosane (C24)	14.864	597871	4.561 ug/ml
15) T n-Hexacosane (C26)	15.849	710597	5.612 ug/ml
16) T n-Octacosane (C28)	16.786	2986304	24.229 ug/ml
17) T n-Tricontane (C30)	17.663	367976	3.050 ug/ml
18) T n-Dotriacontane (C32)	18.488	699370	5.847 ug/ml
19) T n-Tetratriacontane (C34)	19.286	113836	0.962 ug/ml
20) T n-Hexatriacontane (C36)	19.990	721752	6.367 ug/ml
21) T n-Octatriacontane (C38)	20.726	301291	2.660 ug/ml
22) T n-Tetracontane (C40)	21.585	889035	7.861 ug/ml

(f)=RT Delta > 1/2 Window

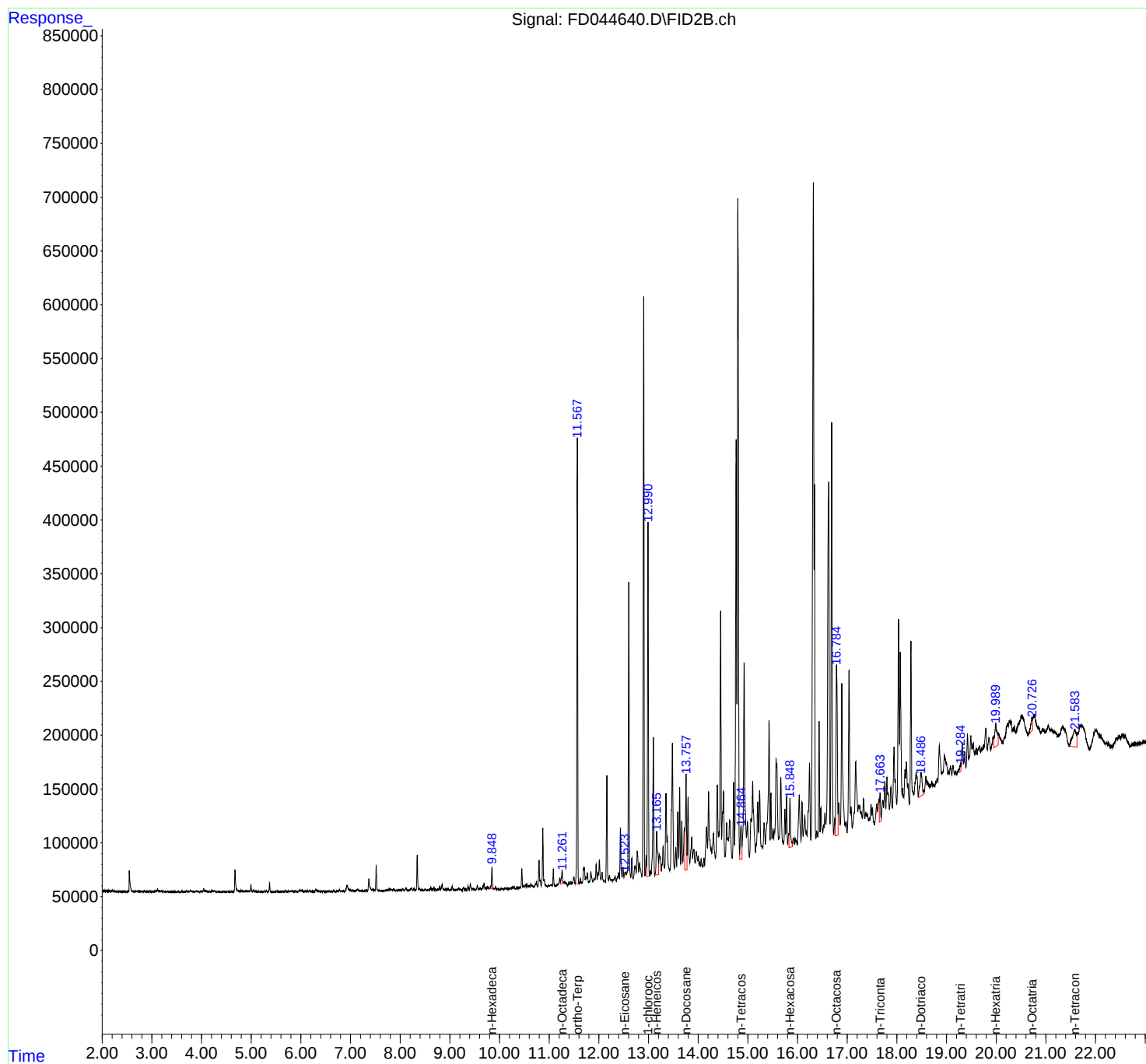
(m)=manual int.

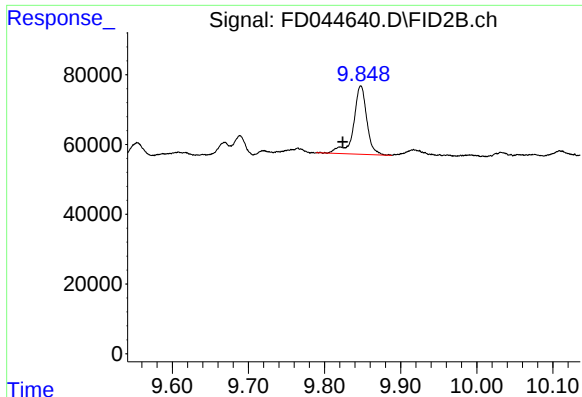
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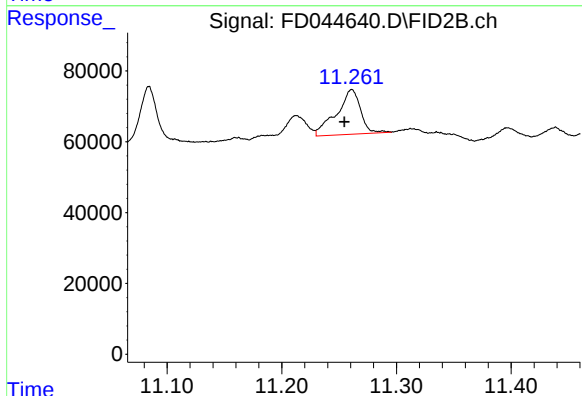




#7 n-Hexadecane (C16)

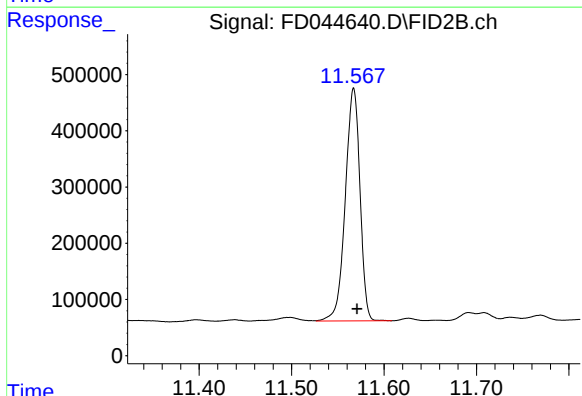
R.T.: 9.848 min
Delta R.T.: 0.024 min
Response: 236880
Conc: 1.69 ug/ml

Instrument :
FID_D
ClientSampleId :



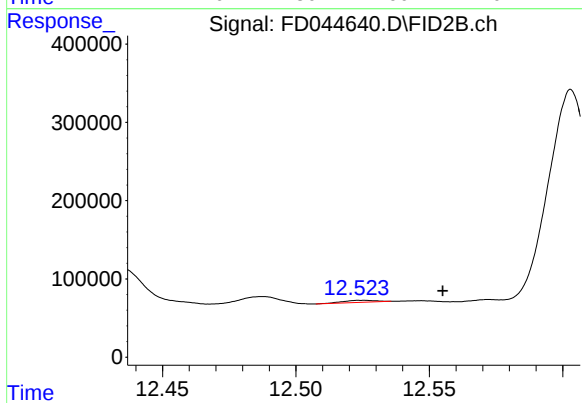
#8 n-Octadecane (C18)

R.T.: 11.261 min
Delta R.T.: 0.006 min
Response: 184045
Conc: 1.31 ug/ml



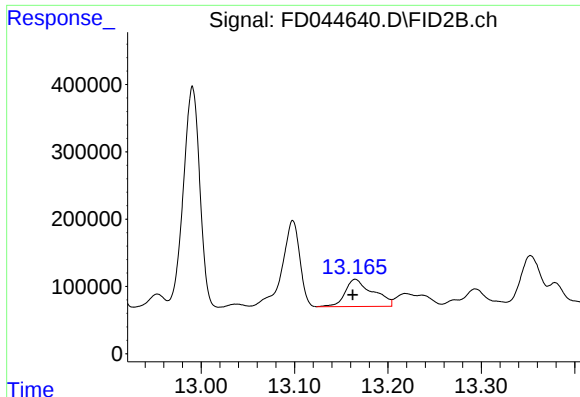
#9 ortho-Terphenyl (SURRE)

R.T.: 11.567 min
Delta R.T.: -0.004 min
Response: 4563348
Conc: 29.97 ug/ml



#10 n-Eicosane (C20)

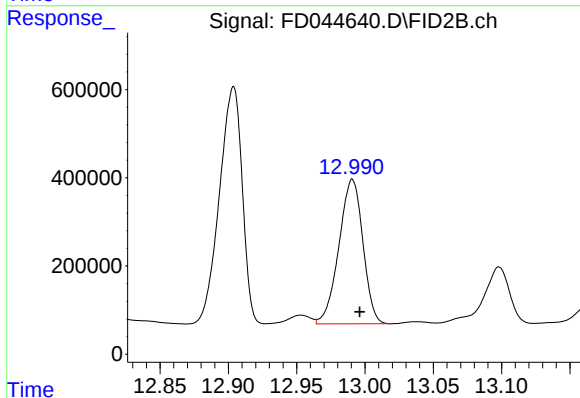
R.T.: 12.525 min
Delta R.T.: -0.030 min
Response: 21997
Conc: 0.16 ug/ml



#11 n-Heneicosane (C21)

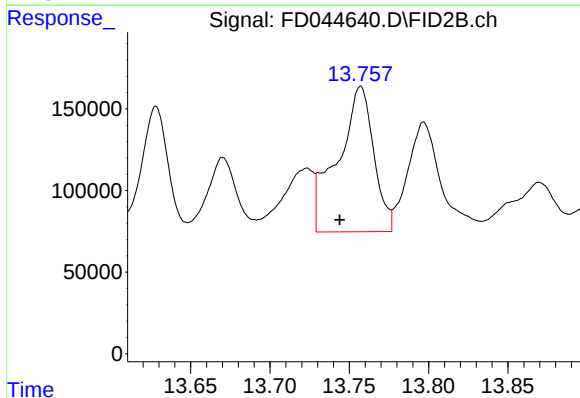
R.T.: 13.165 min
Delta R.T.: 0.003 min
Response: 834570
Conc: 6.18 ug/ml

Instrument :
FID_D
ClientSampleId :



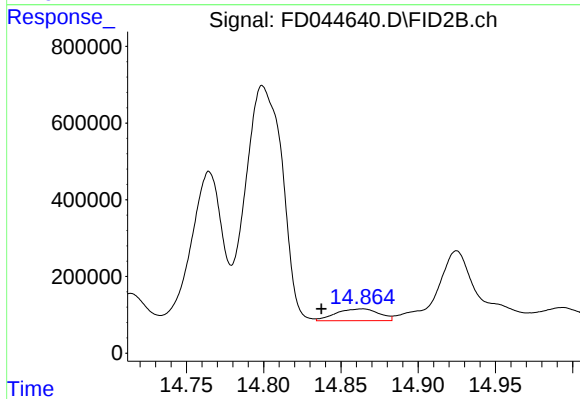
#12 1-chlorooctadecane (SURR)

R.T.: 12.991 min
Delta R.T.: -0.005 min
Response: 3999370
Conc: 34.32 ug/ml



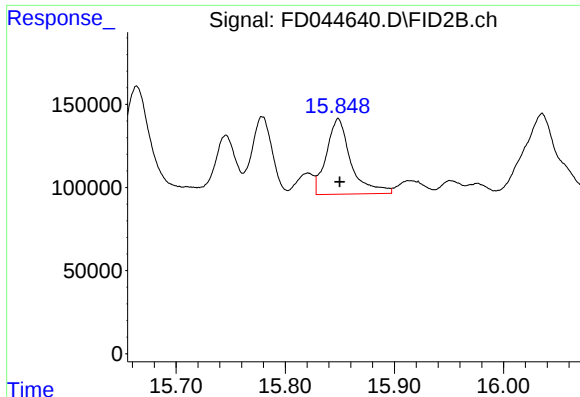
#13 n-Docosane (C22)

R.T.: 13.757 min
Delta R.T.: 0.013 min
Response: 1408533
Conc: 10.58 ug/ml



#14 n-Tetracosane (C24)

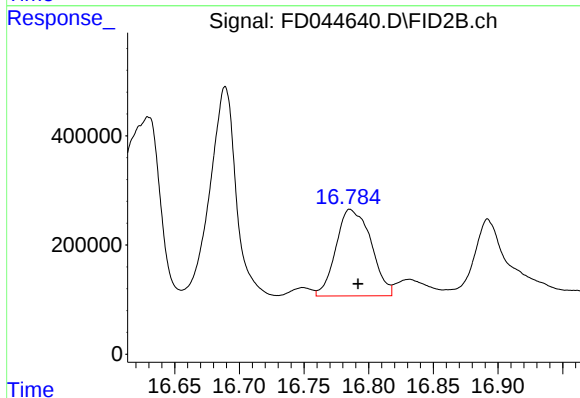
R.T.: 14.864 min
Delta R.T.: 0.027 min
Response: 597871
Conc: 4.56 ug/ml



#15 n-Hexacosane (C26)

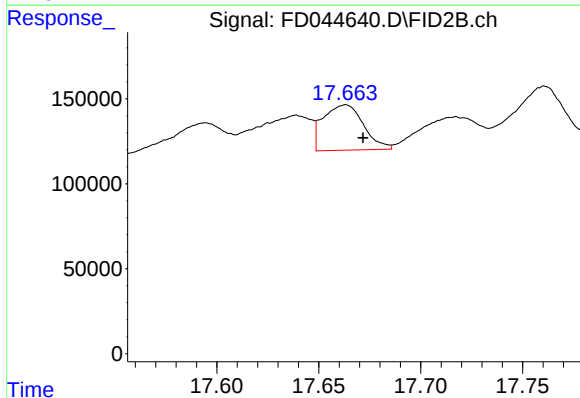
R.T.: 15.849 min
Delta R.T.: -0.001 min
Response: 710597
Conc: 5.61 ug/ml

Instrument :
FID_D
ClientSampleId :



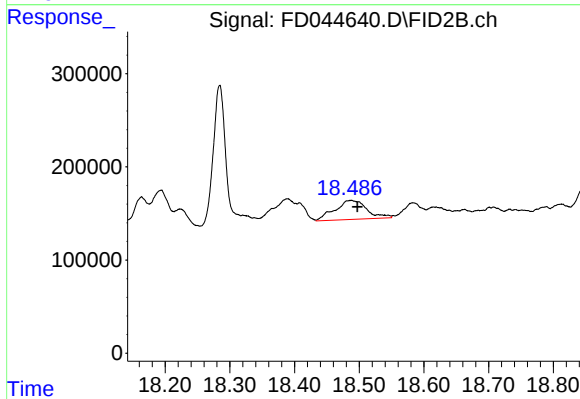
#16 n-Octacosane (C28)

R.T.: 16.786 min
Delta R.T.: -0.006 min
Response: 2986304
Conc: 24.23 ug/ml



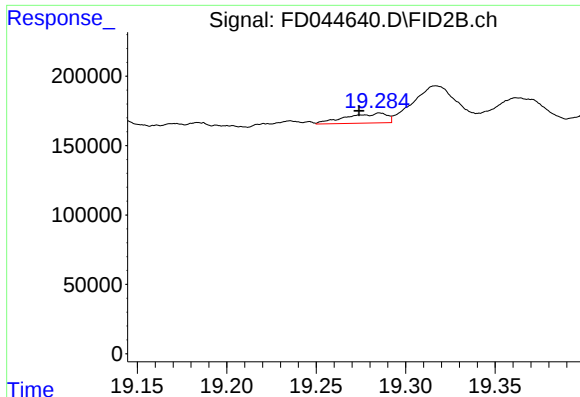
#17 n-Tricontane (C30)

R.T.: 17.663 min
Delta R.T.: -0.009 min
Response: 367976
Conc: 3.05 ug/ml



#18 n-Dotriacontane (C32)

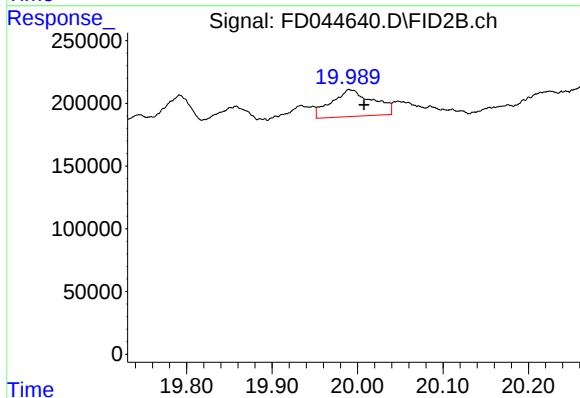
R.T.: 18.488 min
Delta R.T.: -0.010 min
Response: 699370
Conc: 5.85 ug/ml



#19 n-Tetratriacontane (C34)

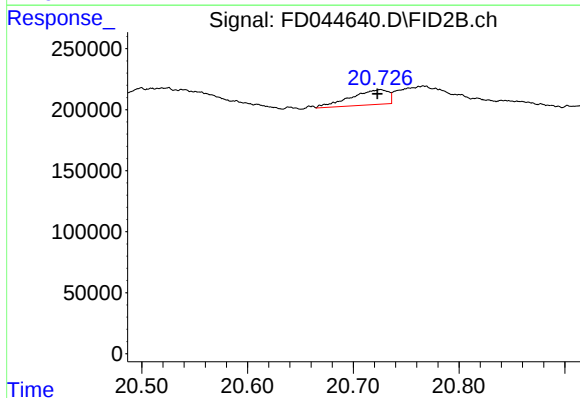
R.T.: 19.286 min
Delta R.T.: 0.012 min
Response: 113836
Conc: 0.96 ug/ml

Instrument :
FID_D
ClientSampleId :



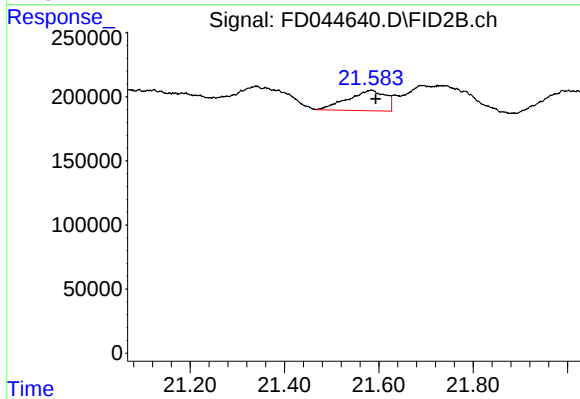
#20 n-Hexatriacontane (C36)

R.T.: 19.990 min
Delta R.T.: -0.018 min
Response: 721752
Conc: 6.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.726 min
Delta R.T.: 0.003 min
Response: 301291
Conc: 2.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.585 min
Delta R.T.: -0.009 min
Response: 889035
Conc: 7.86 ug/ml