

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090324AL\
 Data File : FE049905.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2024 20:46
 Operator : YP\AJ
 Sample : P3812-02DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 04 01:34:06 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 2024
 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)	11.878	760478	4.703 ug/ml
Spiked Amount 50.000		Recovery =	9.41%
12) S 1-chlorooctadecane (S...	13.313	792871	6.499 ug/ml
Spiked Amount 50.000		Recovery =	13.00%
Target Compounds			
7) T n-Hexadecane (C16)	10.120	47661	0.305 ug/ml
8) T n-Octadecane (C18)	11.560	76702	0.488 ug/ml
10) T n-Eicosane (C20)	12.868	55949	0.375 ug/ml
11) T n-Heneicosane (C21)	13.479	53987	0.368 ug/ml
13) T n-Docosane (C22)	14.065	11463	0.079 ug/ml
14) T n-Tetracosane (C24)	15.161	197422	1.357 ug/ml
16) T n-Octacosane (C28)	17.159	140085	0.973 ug/ml
17) T n-Tricontane (C30)	18.022	209786	1.401 ug/ml
18) T n-Dotriacontane (C32)	18.852	139066	0.919 ug/ml
19) T n-Tetratriacontane (C34)	19.635	178538	1.168 ug/ml
20) T n-Hexatriacontane (C36)	20.377	125557	0.827 ug/ml
21) T n-Octatriacontane (C38)	21.134	211366	1.347 ug/ml

(f)=RT Delta > 1/2 Window

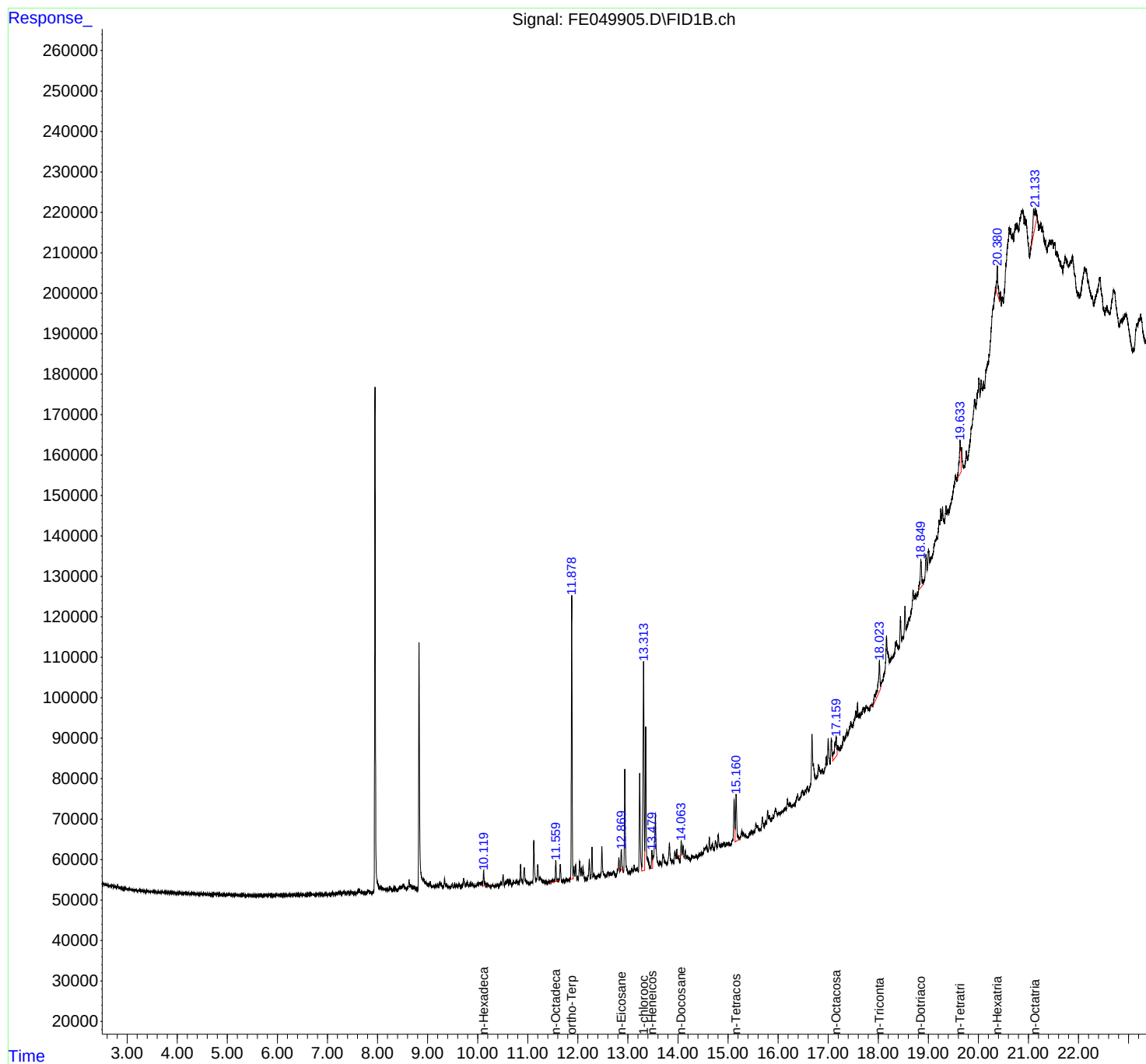
(m)=manual int.

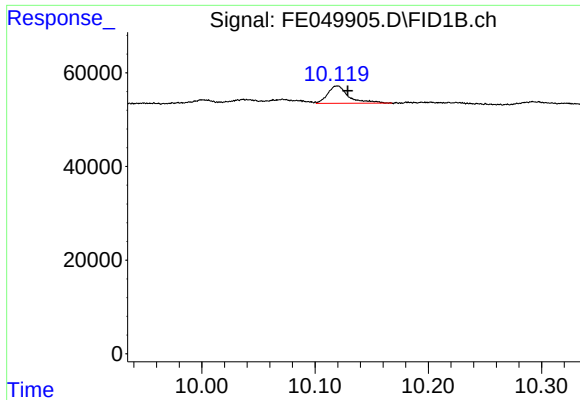
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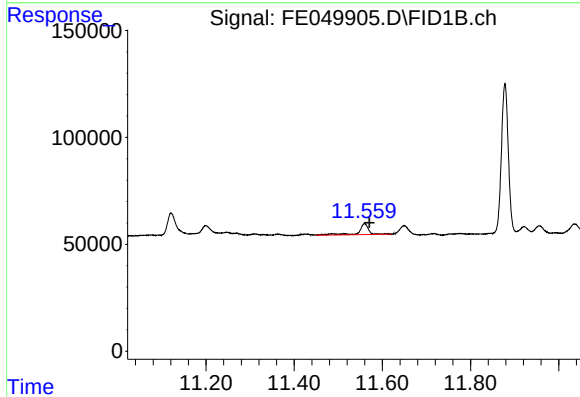




#7 n-Hexadecane (C16)

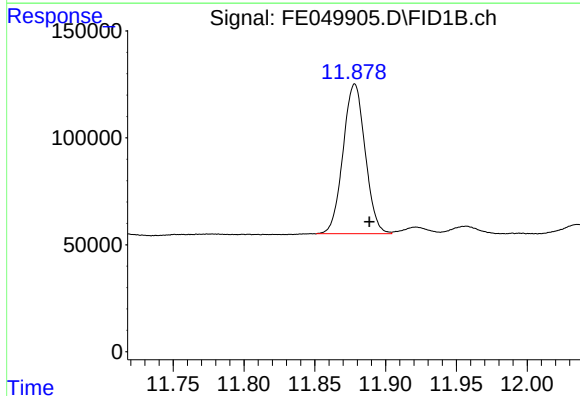
R.T.: 10.120 min
Delta R.T.: -0.009 min
Response: 47661
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :



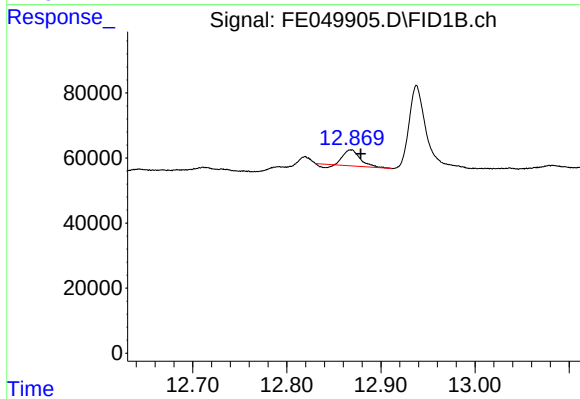
#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: -0.011 min
Response: 76702
Conc: 0.49 ug/ml



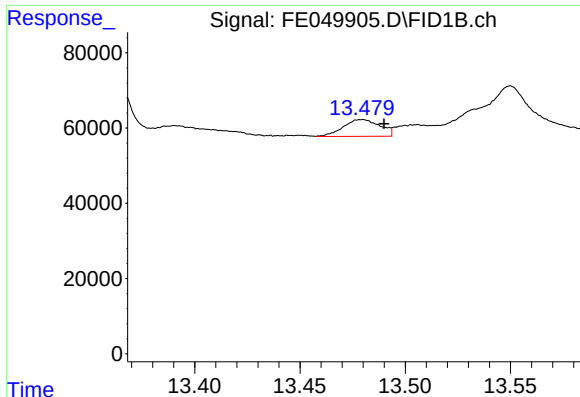
#9 ortho-Terphenyl (SURR)

R.T.: 11.878 min
Delta R.T.: -0.010 min
Response: 760478
Conc: 4.70 ug/ml



#10 n-Eicosane (C20)

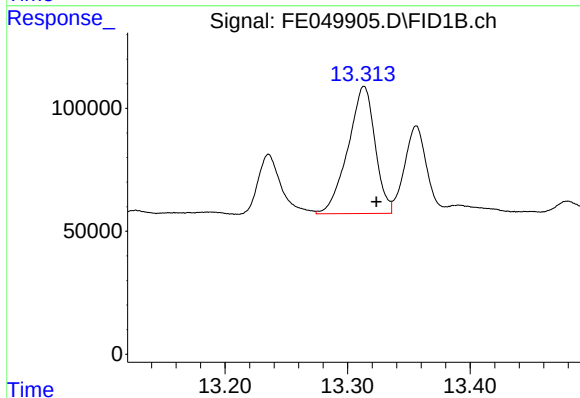
R.T.: 12.868 min
Delta R.T.: -0.011 min
Response: 55949
Conc: 0.37 ug/ml



#11 n-Heneicosane (C21)

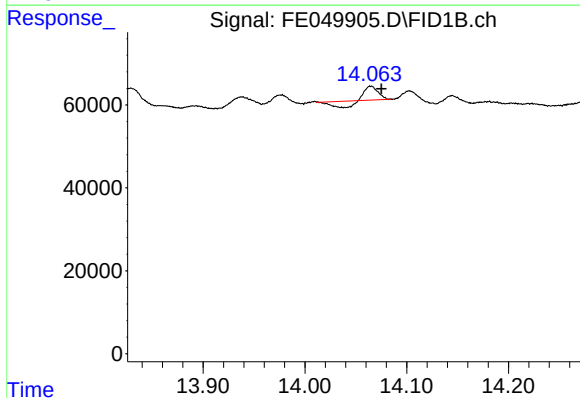
R.T.: 13.479 min
Delta R.T.: -0.010 min
Response: 53987
Conc: 0.37 ug/ml

Instrument :
FID_E
ClientSampleId :



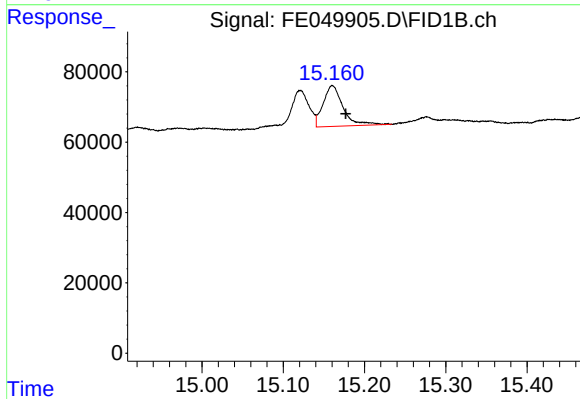
#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.010 min
Response: 792871
Conc: 6.50 ug/ml



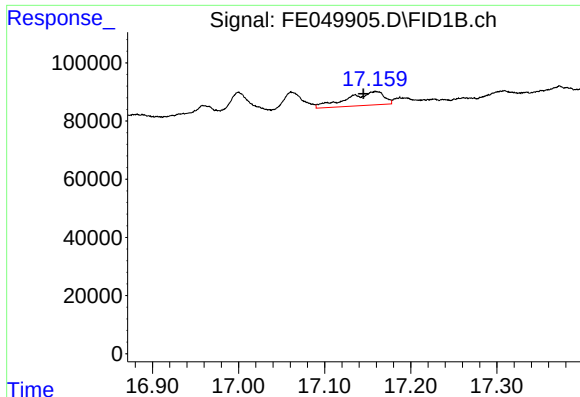
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: -0.010 min
Response: 11463
Conc: 0.08 ug/ml



#14 n-Tetracosane (C24)

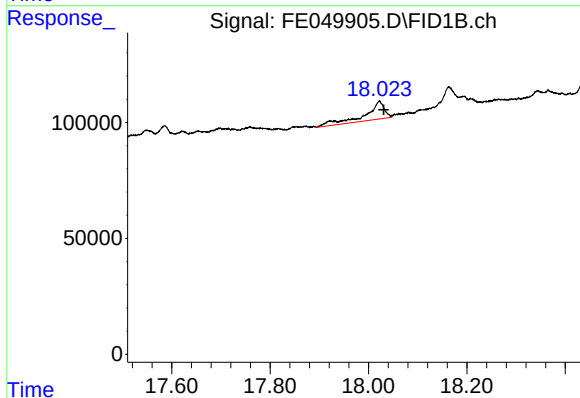
R.T.: 15.161 min
Delta R.T.: -0.016 min
Response: 197422
Conc: 1.36 ug/ml



#16 n-Octacosane (C28)

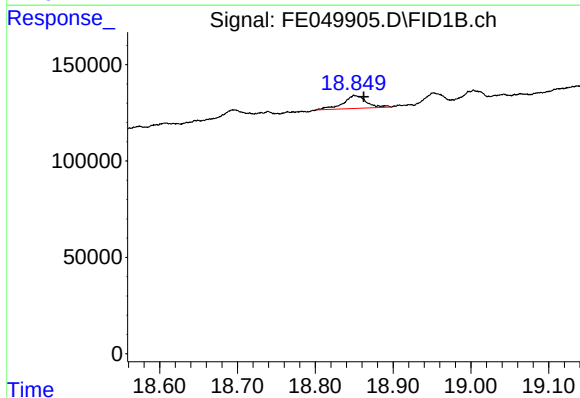
R.T.: 17.159 min
Delta R.T.: 0.014 min
Response: 140085
Conc: 0.97 ug/ml

Instrument :
FID_E
ClientSampleId :



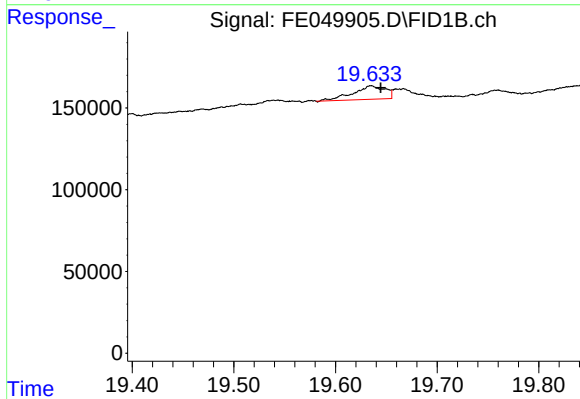
#17 n-Tricontane (C30)

R.T.: 18.022 min
Delta R.T.: -0.009 min
Response: 209786
Conc: 1.40 ug/ml



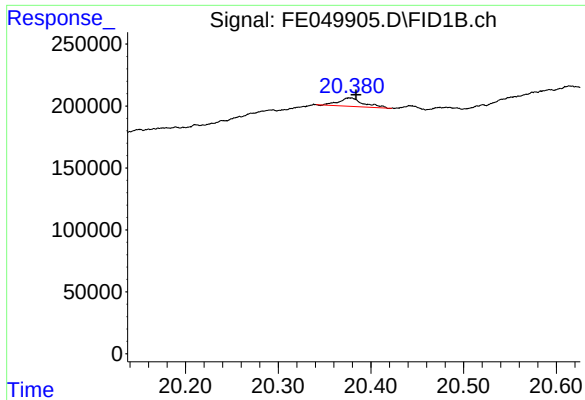
#18 n-Dotriacontane (C32)

R.T.: 18.852 min
Delta R.T.: -0.011 min
Response: 139066
Conc: 0.92 ug/ml



#19 n-Tetratriacontane (C34)

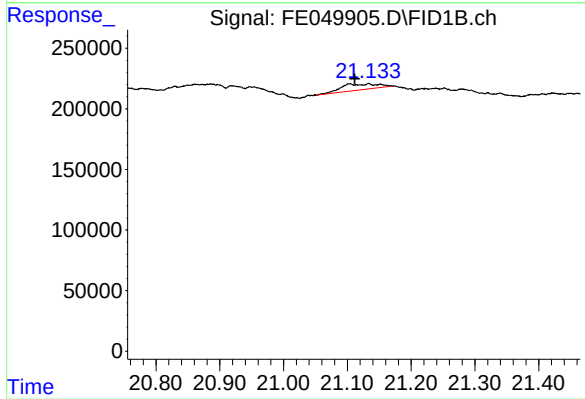
R.T.: 19.635 min
Delta R.T.: -0.009 min
Response: 178538
Conc: 1.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.377 min
Delta R.T.: -0.007 min
Response: 125557
Conc: 0.83 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.134 min
Delta R.T.: 0.022 min
Response: 211366
Conc: 1.35 ug/ml