

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121621AL\
 Data File : FD039973.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 00:37
 Operator : AJ\MA
 Sample : M5083-17
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 17 02:07:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 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)	10.824	85670	0.546 ug/ml
Spiked Amount 50.000		Recovery =	1.09%
12) S 1-chlorooctadecane (S...	12.208	4369478	35.382 ug/ml
Spiked Amount 50.000		Recovery =	70.76%
Target Compounds			
3) T A~Naphthalene (C11.7)	5.222	66515	0.414 ug/ml
5) T A~2-methylnaphthalene...	6.264	45442	0.282 ug/ml
7) T n-Hexadecane (C16)	9.024	52151	0.358 ug/ml
8) T n-Octadecane (C18)	10.539f	110973	0.746 ug/ml
10) T n-Eicosane (C20)	11.802	866485	5.925 ug/ml
11) T n-Heneicosane (C21)	12.367	56344	0.383 ug/ml
13) T n-Docosane (C22)	12.998	55377	0.379 ug/ml
14) T n-Tetracosane (C24)	14.123	117931	0.810 ug/ml
16) T n-Octacosane (C28)	16.069	458582	3.381 ug/ml
17) T n-Tricontane (C30)	16.930	70877	0.542 ug/ml
18) T n-Dotriacontane (C32)	17.731	84715	0.681 ug/ml
19) T n-Tetratriacontane (C34)	18.517	39918	0.330 ug/ml
20) T n-Hexatriacontane (C36)	19.320	32220	0.280 ug/ml
21) T n-Octatriacontane (C38)	19.973	88080	0.789 ug/ml

(f)=RT Delta > 1/2 Window

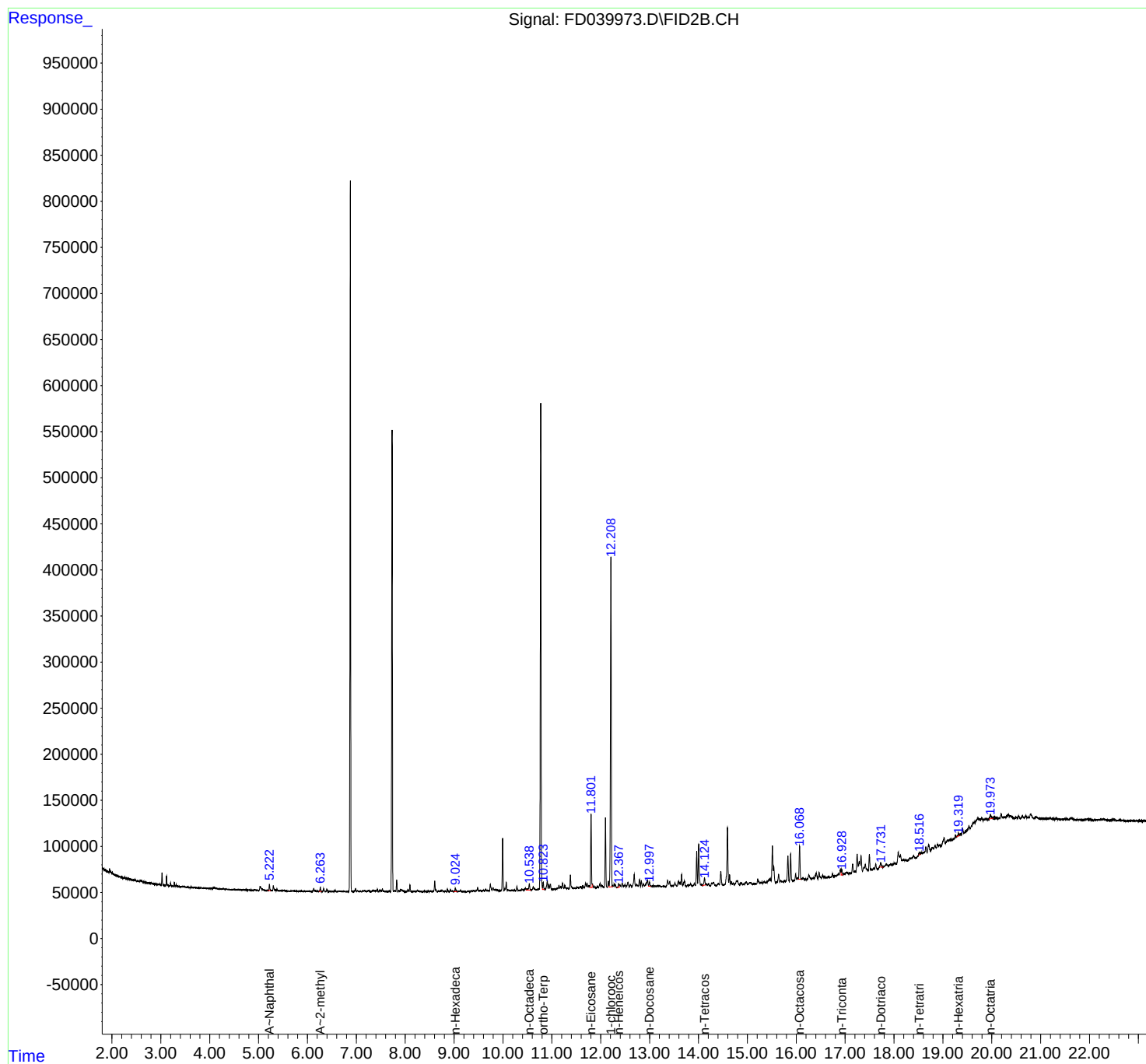
(m)=manual int.

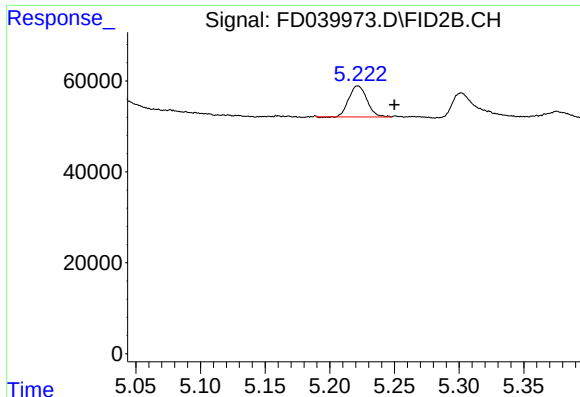
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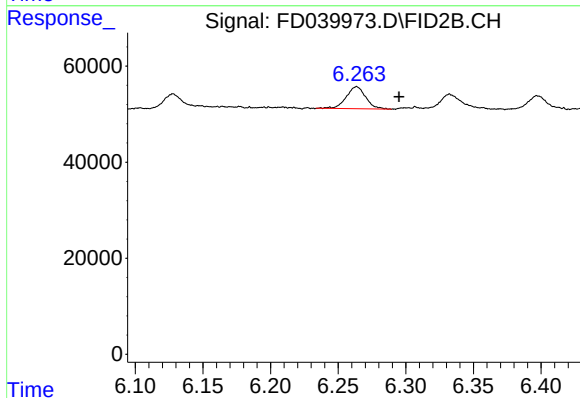




#3 A~Naphthalene (C11.7)

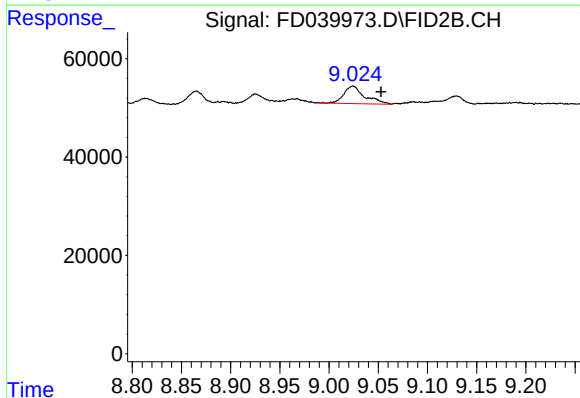
R.T.: 5.222 min
Delta R.T.: -0.028 min
Response: 66515
Conc: 0.41 ug/ml

Instrument :
FID_D
ClientSampleId :



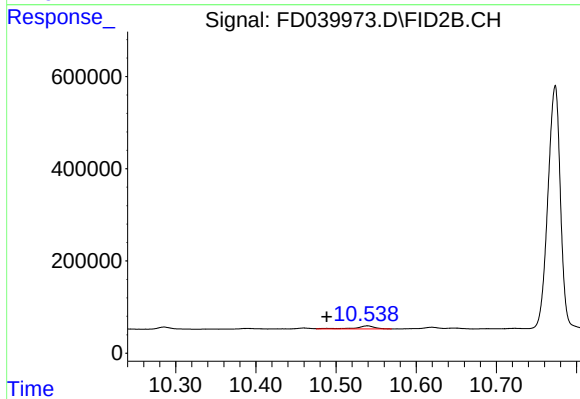
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.264 min
Delta R.T.: -0.031 min
Response: 45442
Conc: 0.28 ug/ml



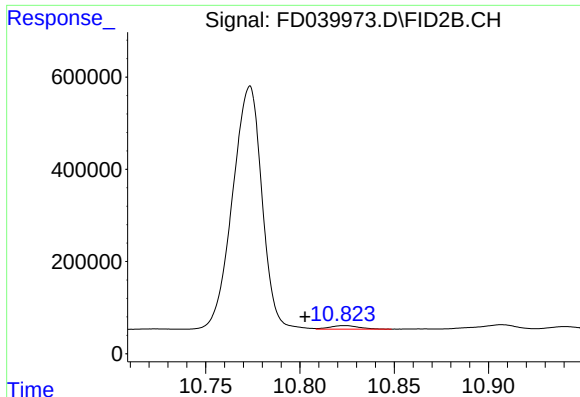
#7 n-Hexadecane (C16)

R.T.: 9.024 min
Delta R.T.: -0.029 min
Response: 52151
Conc: 0.36 ug/ml



#8 n-Octadecane (C18)

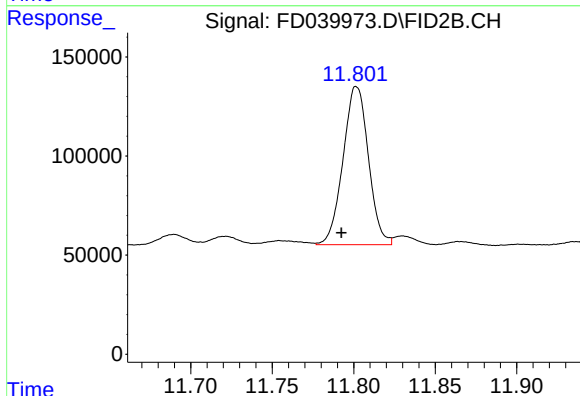
R.T.: 10.539 min
Delta R.T.: 0.051 min
Response: 110973
Conc: 0.75 ug/ml



#9 ortho-Terphenyl (SURR)

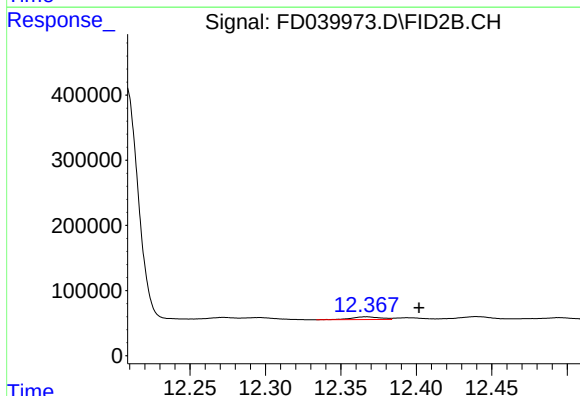
R.T.: 10.824 min
Delta R.T.: 0.021 min
Response: 85670
Conc: 0.55 ug/ml

Instrument :
FID_D
ClientSampleId :



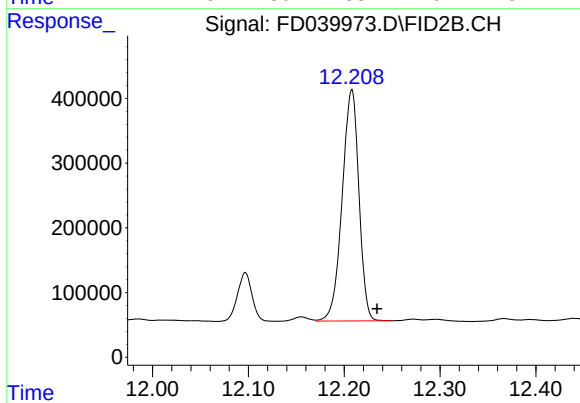
#10 n-Eicosane (C20)

R.T.: 11.802 min
Delta R.T.: 0.009 min
Response: 866485
Conc: 5.92 ug/ml



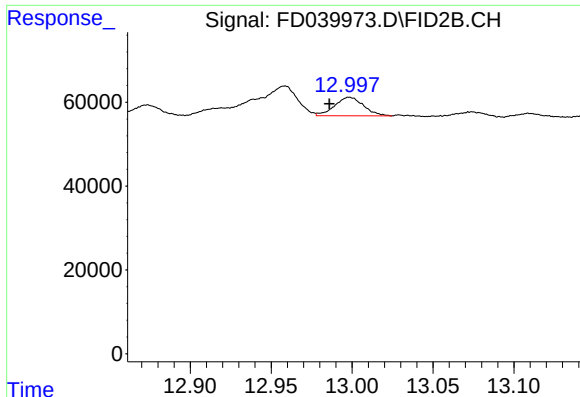
#11 n-Heneicosane (C21)

R.T.: 12.367 min
Delta R.T.: -0.035 min
Response: 56344
Conc: 0.38 ug/ml



#12 1-chlorooctadecane (SURR)

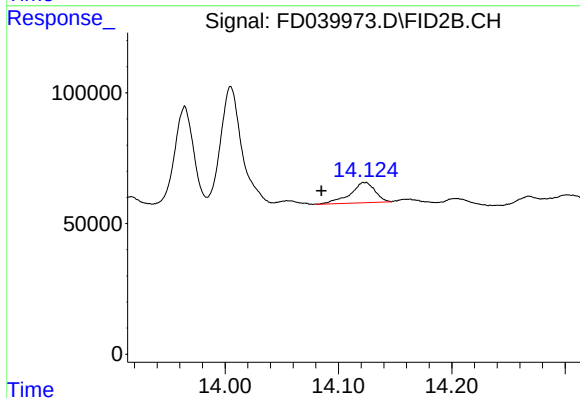
R.T.: 12.208 min
Delta R.T.: -0.027 min
Response: 4369478
Conc: 35.38 ug/ml



#13 n-Docosane (C22)

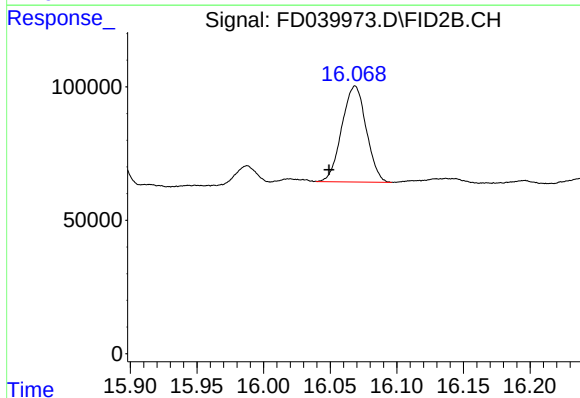
R.T.: 12.998 min
Delta R.T.: 0.012 min
Response: 55377
Conc: 0.38 ug/ml

Instrument :
FID_D
ClientSampleId :



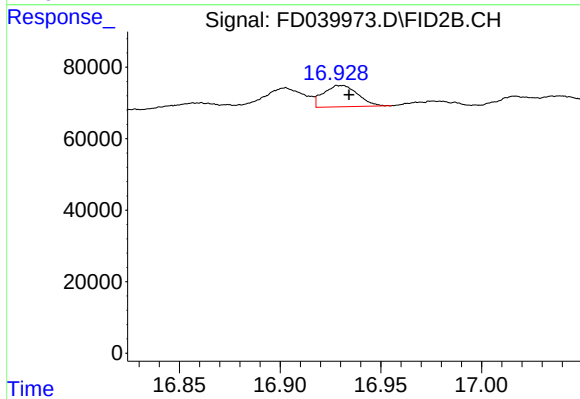
#14 n-Tetracosane (C24)

R.T.: 14.123 min
Delta R.T.: 0.038 min
Response: 117931
Conc: 0.81 ug/ml



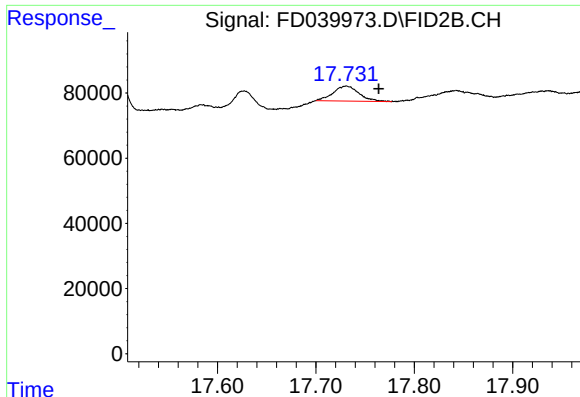
#16 n-Octacosane (C28)

R.T.: 16.069 min
Delta R.T.: 0.020 min
Response: 458582
Conc: 3.38 ug/ml



#17 n-Tricontane (C30)

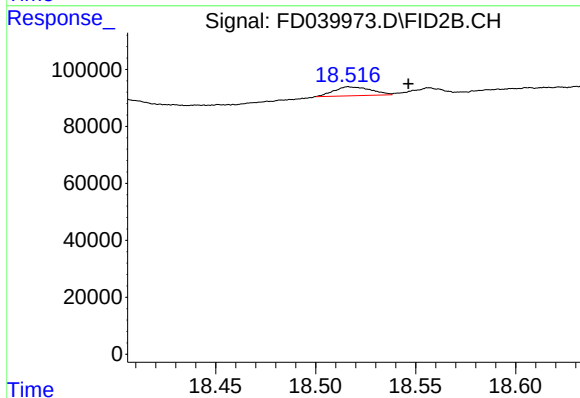
R.T.: 16.930 min
Delta R.T.: -0.004 min
Response: 70877
Conc: 0.54 ug/ml



#18 n-Dotriacontane (C32)

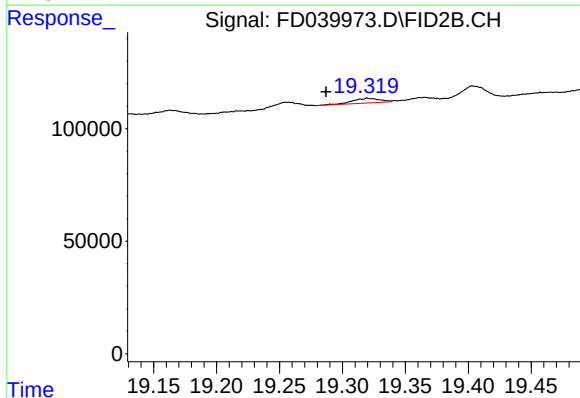
R.T.: 17.731 min
Delta R.T.: -0.033 min
Response: 84715
Conc: 0.68 ug/ml

Instrument :
FID_D
ClientSampleId :



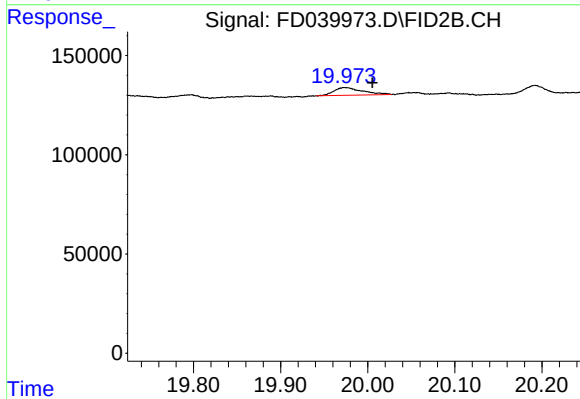
#19 n-Tetratriacontane (C34)

R.T.: 18.517 min
Delta R.T.: -0.030 min
Response: 39918
Conc: 0.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.320 min
Delta R.T.: 0.033 min
Response: 32220
Conc: 0.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.973 min
Delta R.T.: -0.032 min
Response: 88080
Conc: 0.79 ug/ml