Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050622AL\
Data File : FD042345.D
Signal(s) : FID2B.CH
Acq On : 06 May 2022 14:43
Operator : UA/NP
Sample : N2691-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :

Integration File: autoint1.e
Quant Time: May 09 00:46:37 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
Quant Title : GC Extractables
QLast Update : Fri Apr 22 01:55:29 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)	11.214	5891553	35.130 ug/ml
Spiked Amount	50.000		Recovery =	70.26%
12) S	1-chlorooctadecane (S...	12.652	4767657	36.130 ug/ml
Spiked Amount	50.000		Recovery =	72.26%
	Target Compounds			
10) T	n-Eicosane (C20)	12.207	100074	0.654 ug/ml
11) T	n-Heneicosane (C21)	12.826	148972	0.966 ug/ml
13) T	n-Docosane (C22)	13.403	328152	2.129 ug/ml
14) T	n-Tetracosane (C24)	14.497	70966	0.459 ug/ml
15) T	n-Hexacosane (C26)	15.511	143552	0.933 ug/ml
16) T	n-Octacosane (C28)	16.447	460966	3.015 ug/ml
17) T	n-Tricontane (C30)	17.339	131264	0.875 ug/ml
18) T	n-Dotriacontane (C32)	18.160	120223	0.850 ug/ml
19) T	n-Tetratriacontane (C34)	18.937	298908	2.323 ug/ml
20) T	n-Hexatriacontane (C36)	19.682	484102	4.278 ug/ml
21) T	n-Octatriacontane (C38)	20.373	1329529	13.325 ug/ml
22) T	n-Tetracontane (C40)	21.138	405255	4.493 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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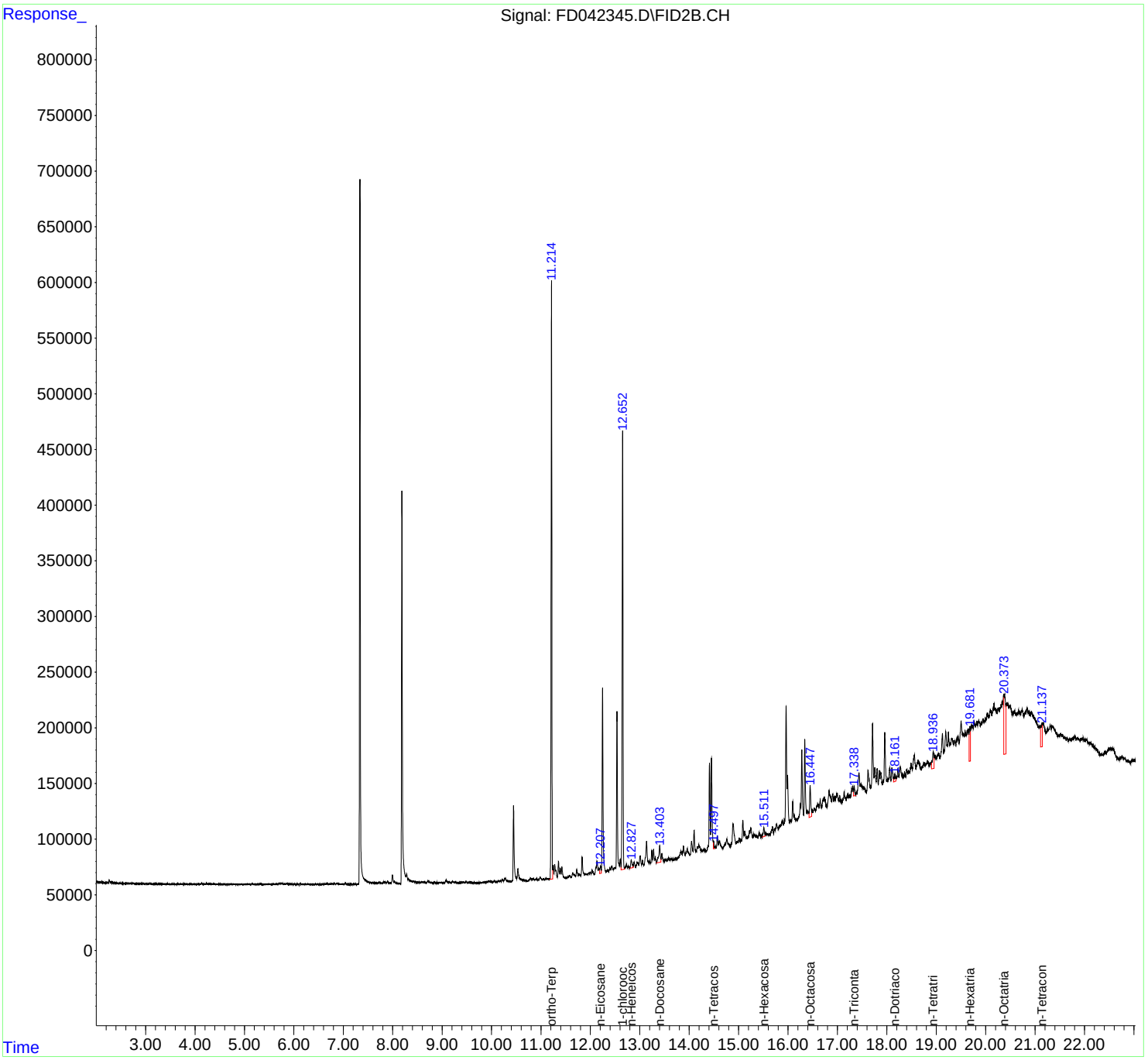
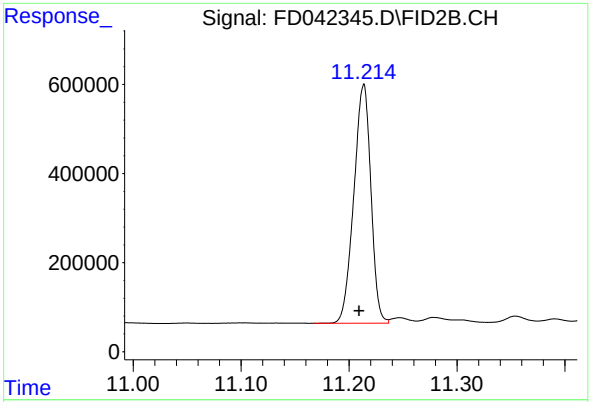
Signal Info : 20M x 0.18mm x 0.18um

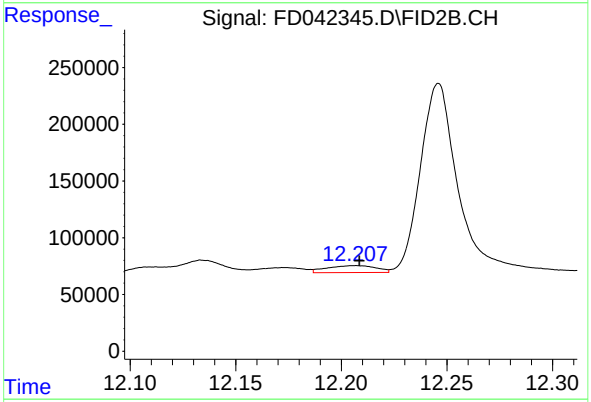




#9 ortho-Terphenyl (SURR)

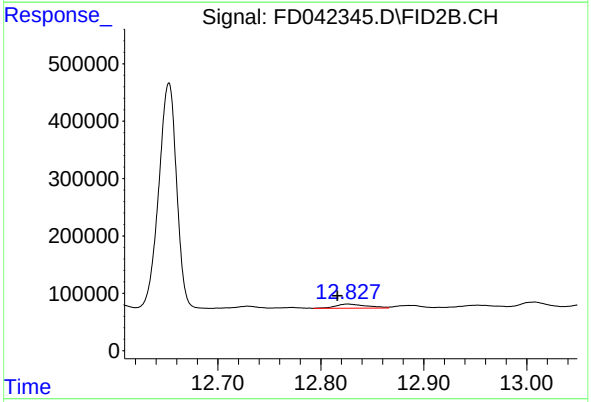
R.T.: 11.214 min
Delta R.T.: 0.004 min
Response: 5891553
Conc: 35.13 ug/ml

Instrument :
FID_D
ClientSampleId :



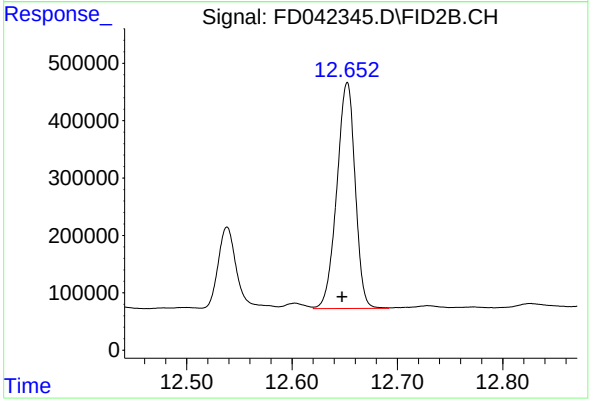
#10 n-Eicosane (C20)

R.T.: 12.207 min
Delta R.T.: -0.002 min
Response: 100074
Conc: 0.65 ug/ml



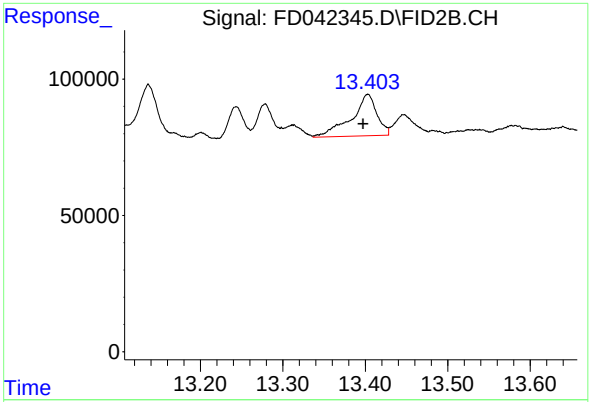
#11 n-Heneicosane (C21)

R.T.: 12.826 min
Delta R.T.: 0.010 min
Response: 148972
Conc: 0.97 ug/ml



#12 1-chlorooctadecane (SURR)

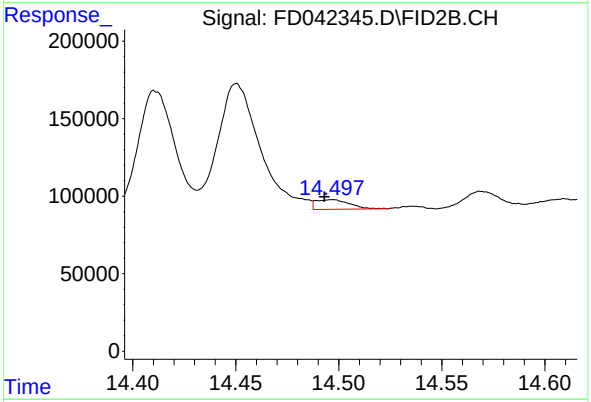
R.T.: 12.652 min
Delta R.T.: 0.005 min
Response: 4767657
Conc: 36.13 ug/ml



#13 n-Docosane (C22)

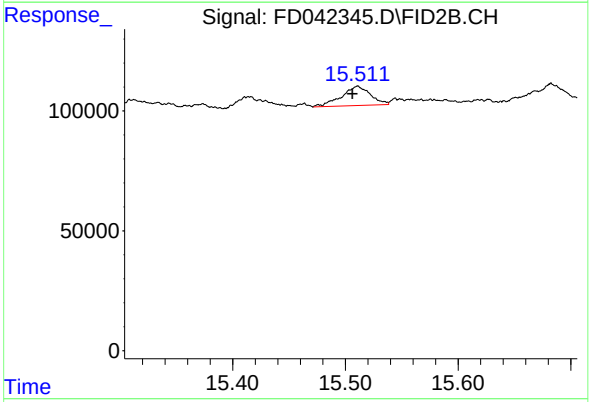
R.T.: 13.403 min
Delta R.T.: 0.006 min
Response: 328152
Conc: 2.13 ug/ml

Instrument :
FID_D
ClientSampleId :



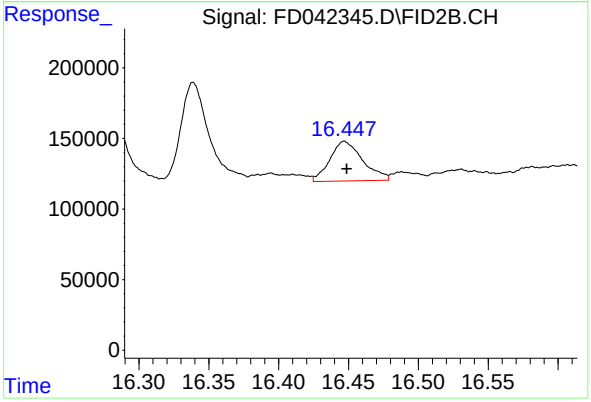
#14 n-Tetracosane (C24)

R.T.: 14.497 min
Delta R.T.: 0.004 min
Response: 70966
Conc: 0.46 ug/ml



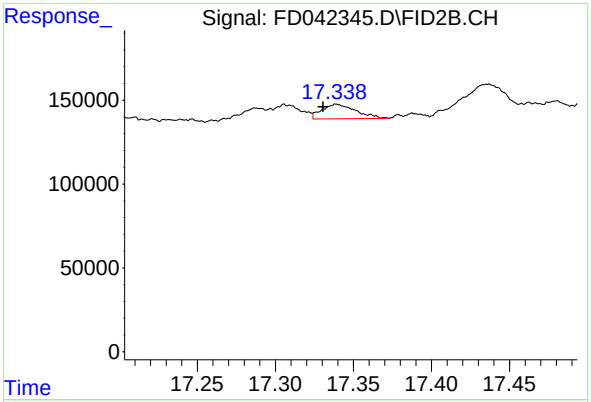
#15 n-Hexacosane (C26)

R.T.: 15.511 min
Delta R.T.: 0.005 min
Response: 143552
Conc: 0.93 ug/ml



#16 n-Octacosane (C28)

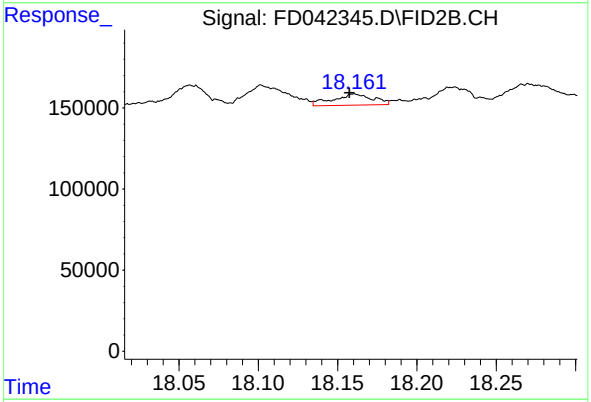
R.T.: 16.447 min
Delta R.T.: -0.002 min
Response: 460966
Conc: 3.01 ug/ml



#17 n-Tricontane (C30)

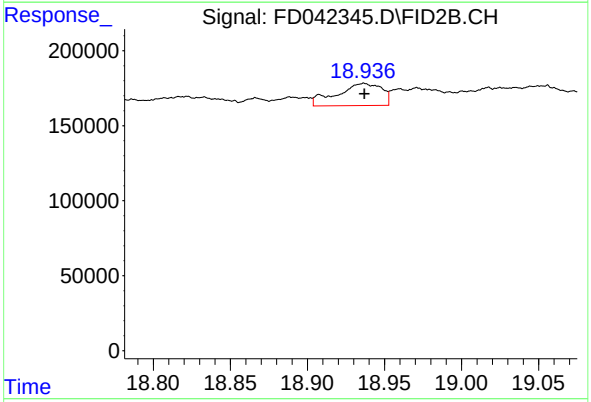
R.T.: 17.339 min
Delta R.T.: 0.009 min
Response: 131264
Conc: 0.88 ug/ml

Instrument :
FID_D
ClientSampleId :



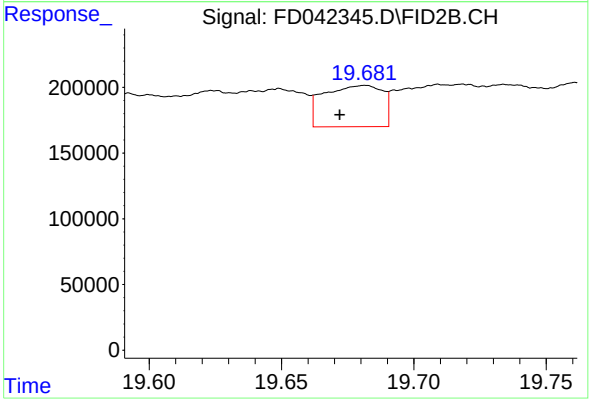
#18 n-Dotriacontane (C32)

R.T.: 18.160 min
Delta R.T.: 0.003 min
Response: 120223
Conc: 0.85 ug/ml



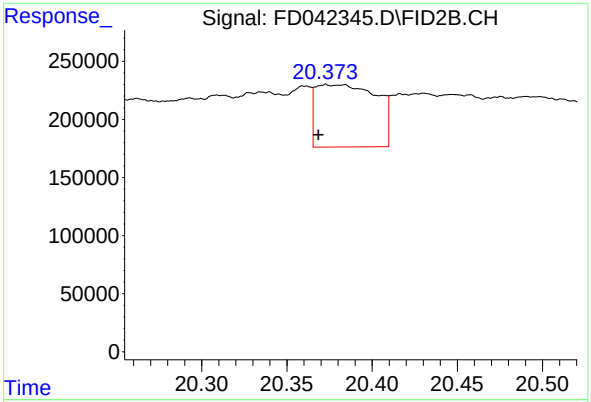
#19 n-Tetratriacontane (C34)

R.T.: 18.937 min
Delta R.T.: 0.000 min
Response: 298908
Conc: 2.32 ug/ml



#20 n-Hexatriacontane (C36)

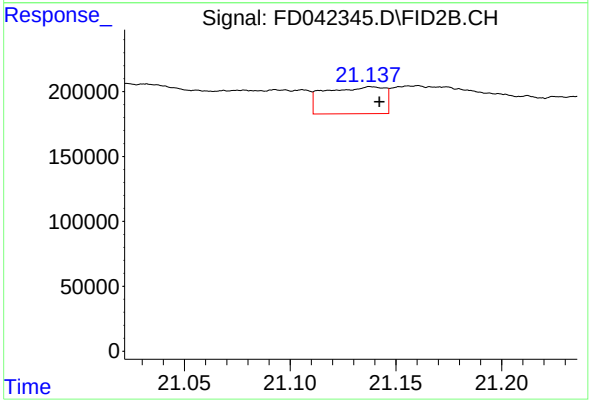
R.T.: 19.682 min
Delta R.T.: 0.010 min
Response: 484102
Conc: 4.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.373 min
Delta R.T.: 0.004 min
Response: 1329529
Conc: 13.33 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.138 min
Delta R.T.: -0.004 min
Response: 405255
Conc: 4.49 ug/ml