

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041822AL\
 Data File : FC059280.D
 Signal(s) : FID1A.CH
 Acq On : 18 Apr 2022 13:57
 Operator : UA/NP
 Sample : N2424-02DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 19 03:14:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 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)	11.103	852894	5.919 ug/ml
Spiked Amount 50.000		Recovery =	11.84%
12) S 1-chlorooctadecane (S...	12.552	666854	5.949 ug/ml
Spiked Amount 50.000		Recovery =	11.90%
Target Compounds			
6) T n-Tetradecane (C14)	7.785	105714	0.813 ug/ml
7) T n-Hexadecane (C16)	9.378	88752	0.668 ug/ml
8) T n-Octadecane (C18)	10.811	87592	0.659 ug/ml
11) T n-Heneicosane (C21)	12.723	69624	0.534 ug/ml
13) T n-Docosane (C22)	13.307	126420	0.976 ug/ml
14) T n-Tetracosane (C24)	14.406	235681	1.866 ug/ml
15) T n-Hexacosane (C26)	15.423	187447	1.552 ug/ml
16) T n-Octacosane (C28)	16.367	753309	6.362 ug/ml
17) T n-Tricontane (C30)	17.254	549422	4.816 ug/ml
18) T n-Dotriacontane (C32)	18.088	409746	3.825 ug/ml
19) T n-Tetratriacontane (C34)	18.868	485034	4.801 ug/ml
20) T n-Hexatriacontane (C36)	19.614	316192	3.309 ug/ml
21) T n-Octatriacontane (C38)	20.309	243499	2.646 ug/ml

(f)=RT Delta > 1/2 Window

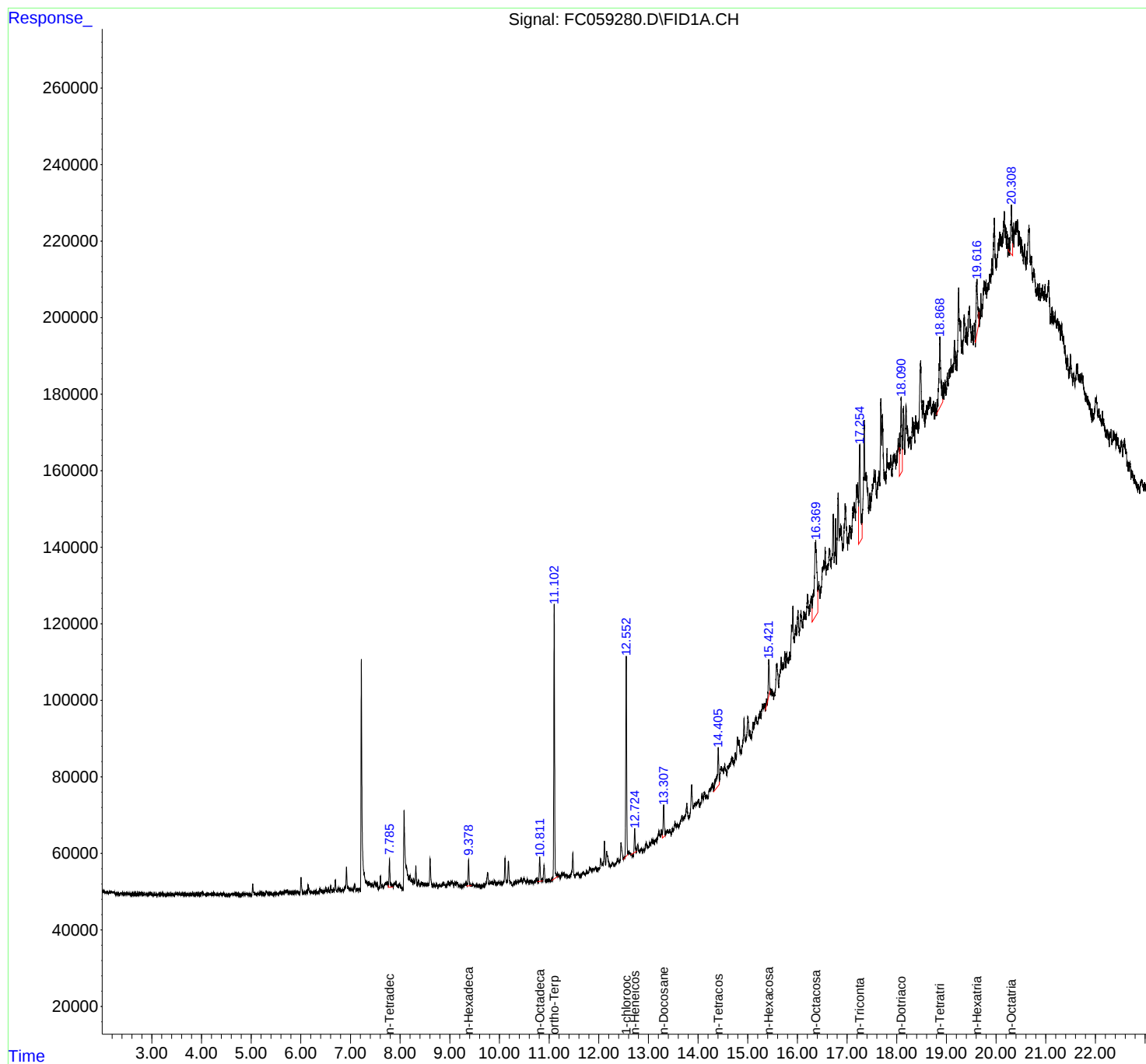
(m)=manual int.

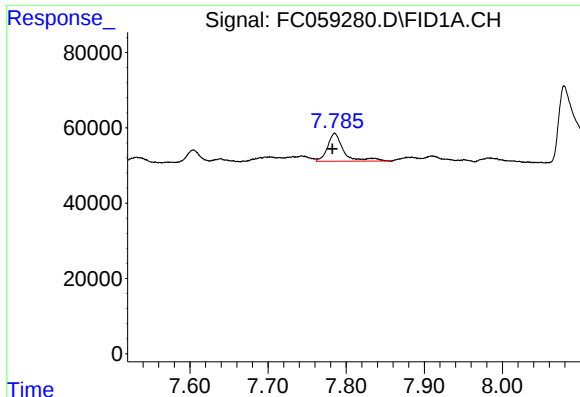
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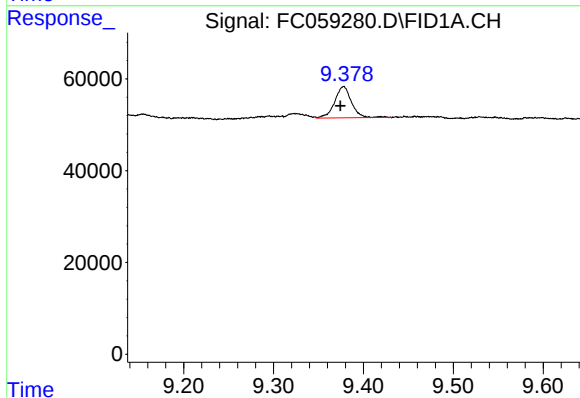




#6 n-Tetradecane (C14)

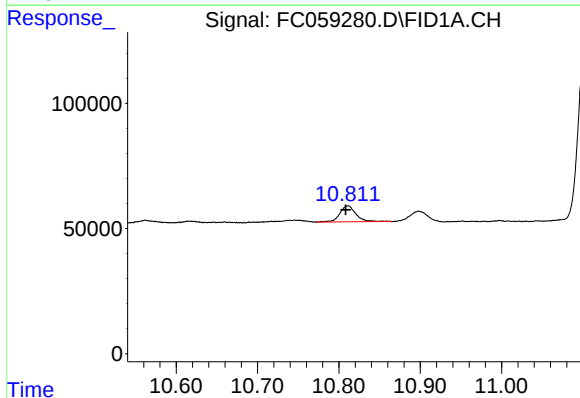
R.T.: 7.785 min
Delta R.T.: 0.003 min
Response: 105714
Conc: 0.81 ug/ml

Instrument :
FID_C
ClientSampleId :



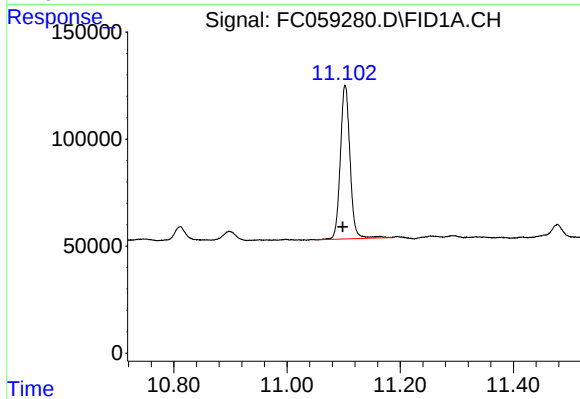
#7 n-Hexadecane (C16)

R.T.: 9.378 min
Delta R.T.: 0.003 min
Response: 88752
Conc: 0.67 ug/ml



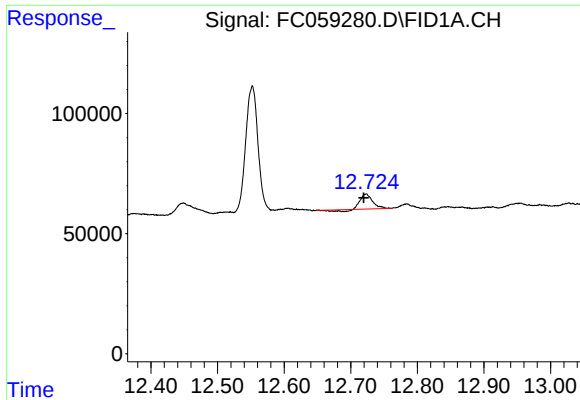
#8 n-Octadecane (C18)

R.T.: 10.811 min
Delta R.T.: 0.002 min
Response: 87592
Conc: 0.66 ug/ml



#9 ortho-Terphenyl (SURR)

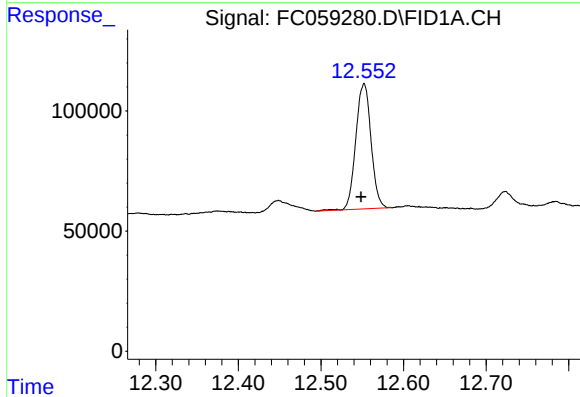
R.T.: 11.103 min
Delta R.T.: 0.004 min
Response: 852894
Conc: 5.92 ug/ml



#11 n-Heneicosane (C21)

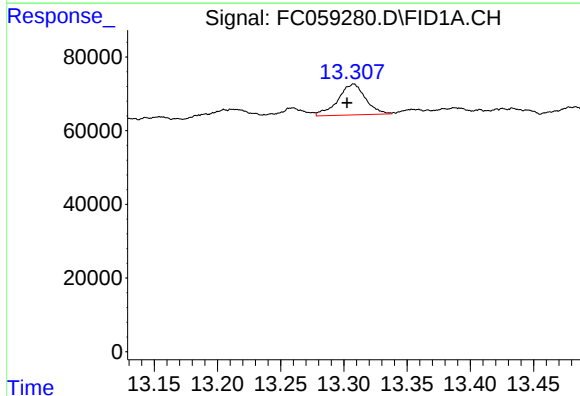
R.T.: 12.723 min
Delta R.T.: 0.004 min
Response: 69624
Conc: 0.53 ug/ml

Instrument :
FID_C
ClientSampleId :



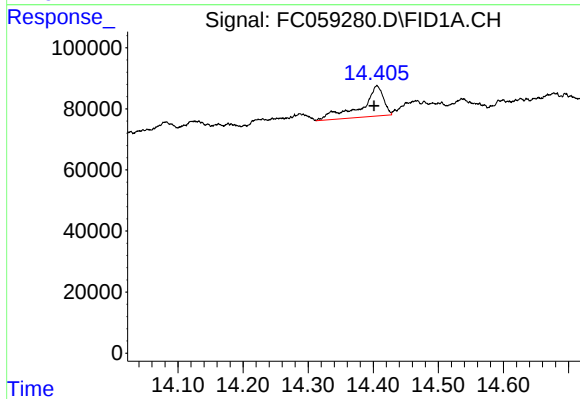
#12 1-chlorooctadecane (SURR)

R.T.: 12.552 min
Delta R.T.: 0.003 min
Response: 666854
Conc: 5.95 ug/ml



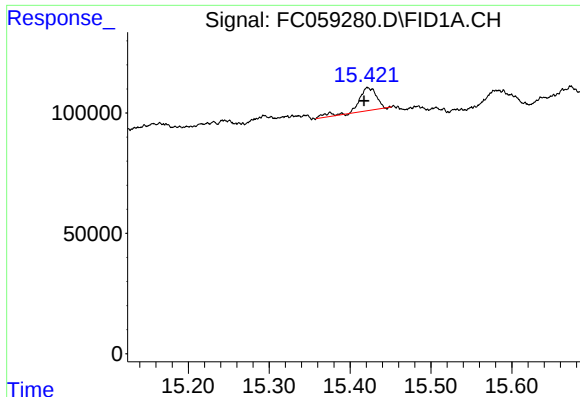
#13 n-Docosane (C22)

R.T.: 13.307 min
Delta R.T.: 0.005 min
Response: 126420
Conc: 0.98 ug/ml



#14 n-Tetracosane (C24)

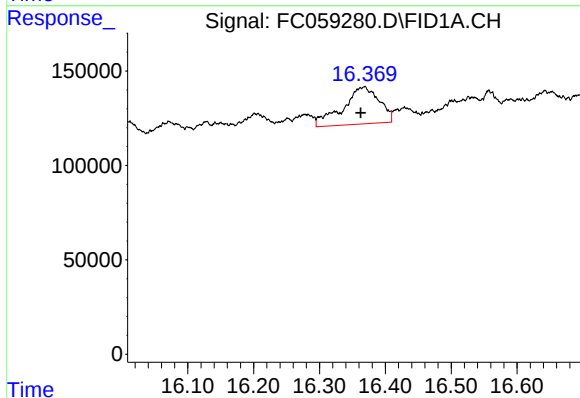
R.T.: 14.406 min
Delta R.T.: 0.005 min
Response: 235681
Conc: 1.87 ug/ml



#15 n-Hexacosane (C26)

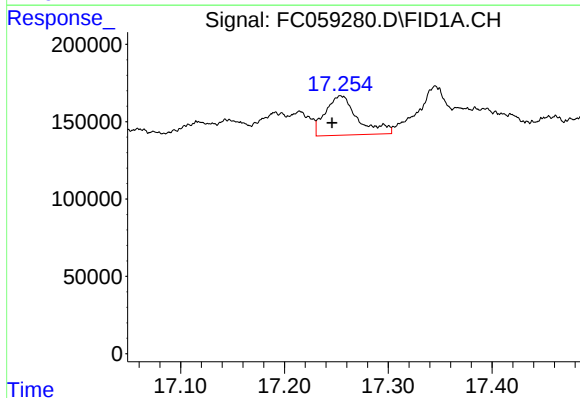
R.T.: 15.423 min
Delta R.T.: 0.006 min
Response: 187447
Conc: 1.55 ug/ml

Instrument :
FID_C
ClientSampleId :



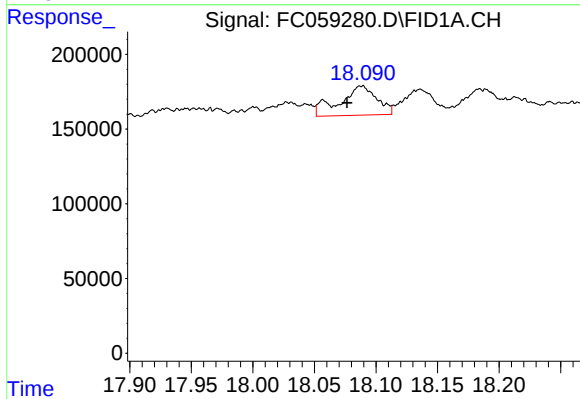
#16 n-Octacosane (C28)

R.T.: 16.367 min
Delta R.T.: 0.005 min
Response: 753309
Conc: 6.36 ug/ml



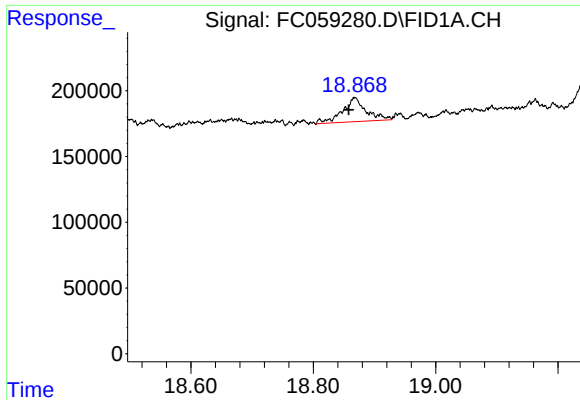
#17 n-Tricontane (C30)

R.T.: 17.254 min
Delta R.T.: 0.008 min
Response: 549422
Conc: 4.82 ug/ml



#18 n-Dotriacontane (C32)

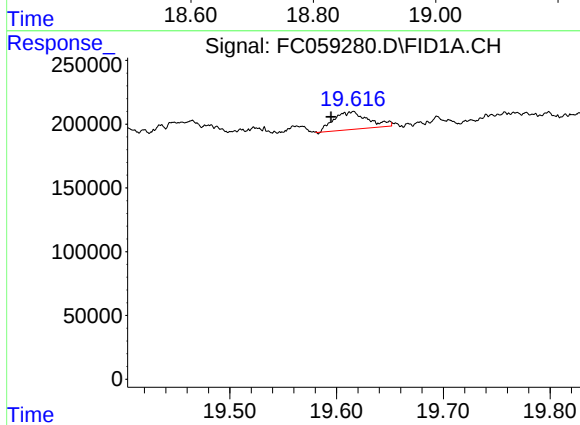
R.T.: 18.088 min
Delta R.T.: 0.012 min
Response: 409746
Conc: 3.82 ug/ml



#19 n-Tetratriacontane (C34)

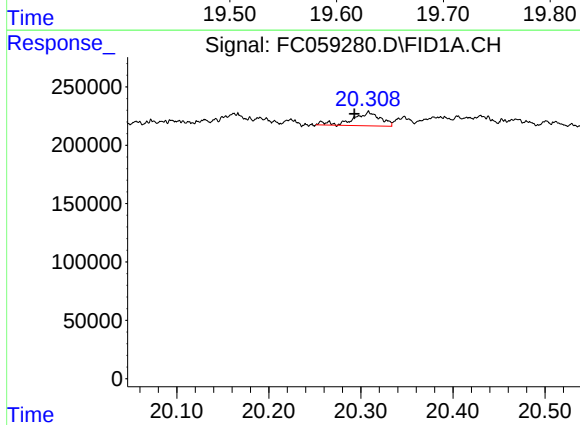
R.T.: 18.868 min
Delta R.T.: 0.010 min
Response: 485034
Conc: 4.80 ug/ml

Instrument :
FID_C
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 19.614 min
Delta R.T.: 0.019 min
Response: 316192
Conc: 3.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.309 min
Delta R.T.: 0.016 min
Response: 243499
Conc: 2.65 ug/ml