

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071523AL\
 Data File : FE043243.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2023 22:40
 Operator : YP\AJ
 Sample : 03621-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 15 02:05:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 2023
 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)	11.903	3995924	22.315 ug/ml
Spiked Amount 50.000		Recovery =	44.63%
12) S 1-chlorooctadecane (S...	13.340	3930993	29.917 ug/ml
Spiked Amount 50.000		Recovery =	59.83%
Target Compounds			
6) T n-Tetradecane (C14)	8.531	113467	0.717 ug/ml
7) T n-Hexadecane (C16)	10.140	118985	0.735 ug/ml
10) T n-Eicosane (C20)	12.887	183635	1.182 ug/ml
11) T n-Heneicosane (C21)	13.531	218079	1.439 ug/ml
13) T n-Docosane (C22)	14.091	202887	1.358 ug/ml
14) T n-Tetracosane (C24)	15.184	1968792	13.406 ug/ml
15) T n-Hexacosane (C26)	16.219	69969	0.491 ug/ml
16) T n-Octacosane (C28)	17.188	669170	4.756 ug/ml
17) T n-Tricontane (C30)	18.056	509074	3.456 ug/ml
18) T n-Dotriacontane (C32)	18.880	237517	1.603 ug/ml
19) T n-Tetratriacontane (C34)	19.673	247330	1.714 ug/ml
20) T n-Hexatriacontane (C36)	20.422	260305	1.771 ug/ml
21) T n-Octatriacontane (C38)	21.161	239659	1.680 ug/ml

(f)=RT Delta > 1/2 Window

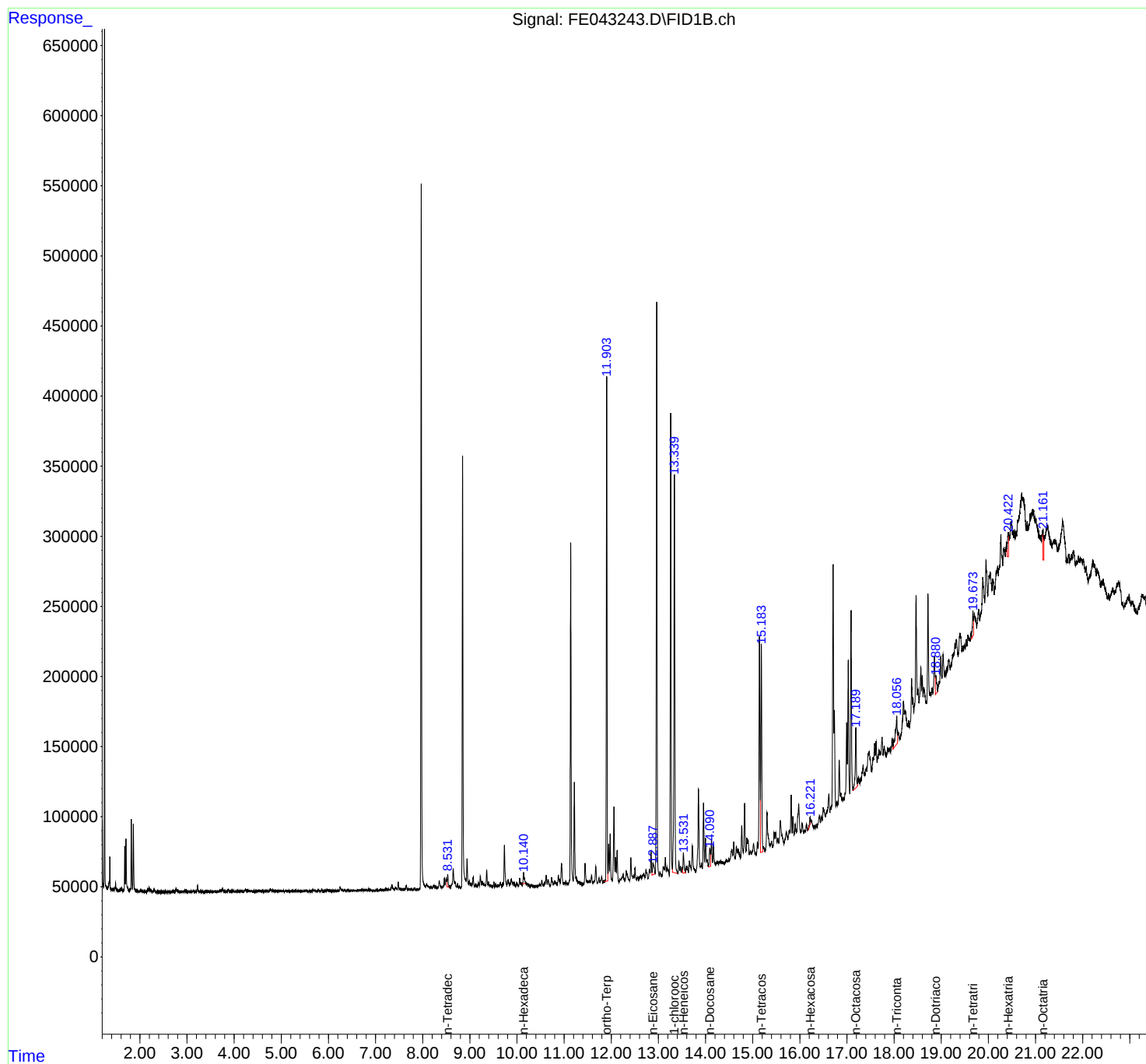
(m)=manual int.

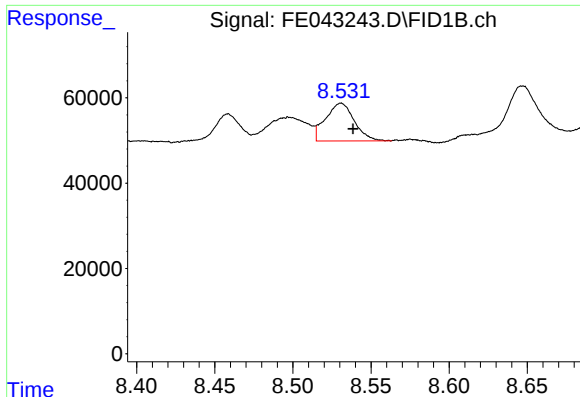
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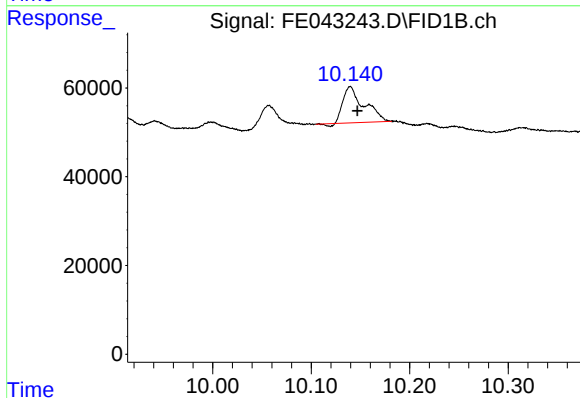




#6 n-Tetradecane (C14)

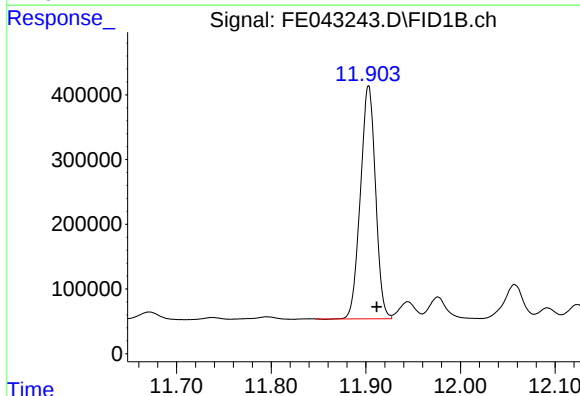
R.T.: 8.531 min
Delta R.T.: -0.008 min
Response: 113467
Conc: 0.72 ug/ml

Instrument :
FID_E
ClientSampleId :



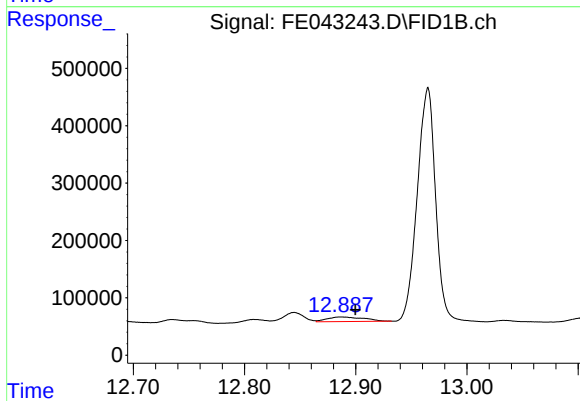
#7 n-Hexadecane (C16)

R.T.: 10.140 min
Delta R.T.: -0.007 min
Response: 118985
Conc: 0.74 ug/ml



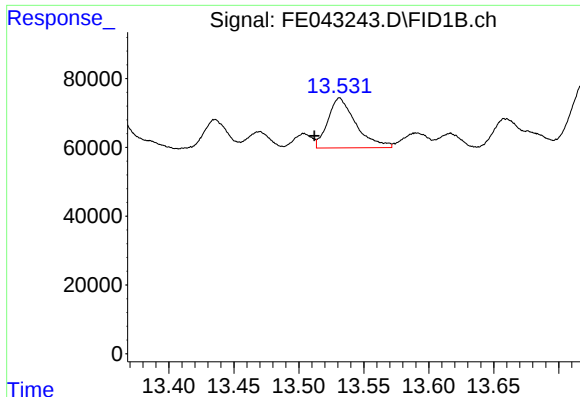
#9 ortho-Terphenyl (SURR)

R.T.: 11.903 min
Delta R.T.: -0.009 min
Response: 3995924
Conc: 22.32 ug/ml



#10 n-Eicosane (C20)

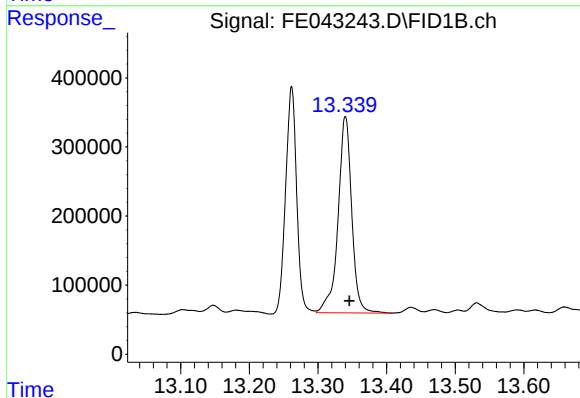
R.T.: 12.887 min
Delta R.T.: -0.013 min
Response: 183635
Conc: 1.18 ug/ml



#11 n-Heneicosane (C21)

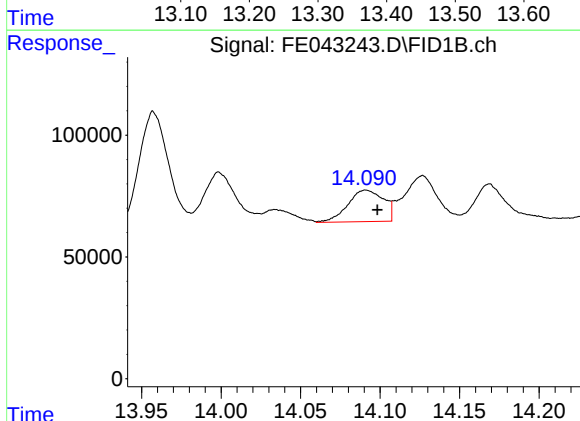
R.T.: 13.531 min
Delta R.T.: 0.019 min
Response: 218079
Conc: 1.44 ug/ml

Instrument :
FID_E
ClientSampleId :



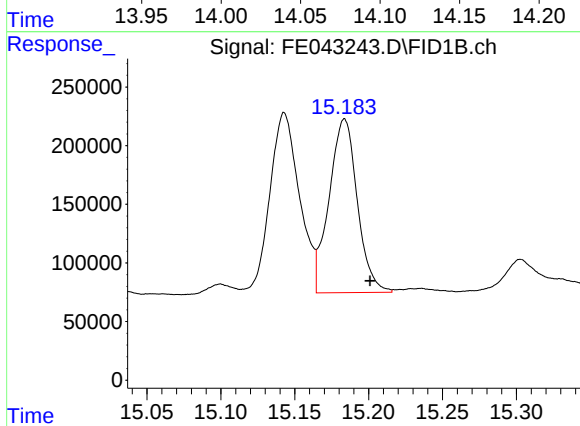
#12 1-chlorooctadecane (SURR)

R.T.: 13.340 min
Delta R.T.: -0.006 min
Response: 3930993
Conc: 29.92 ug/ml



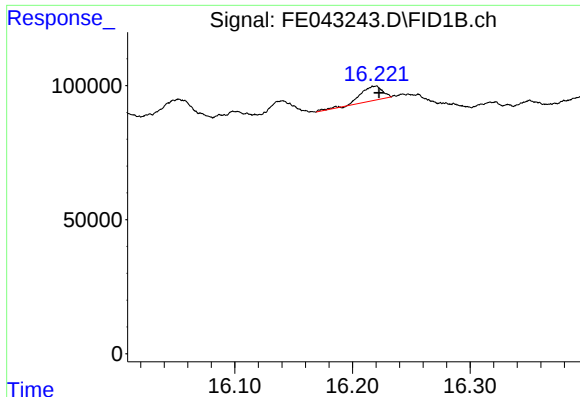
#13 n-Docosane (C22)

R.T.: 14.091 min
Delta R.T.: -0.007 min
Response: 202887
Conc: 1.36 ug/ml



#14 n-Tetracosane (C24)

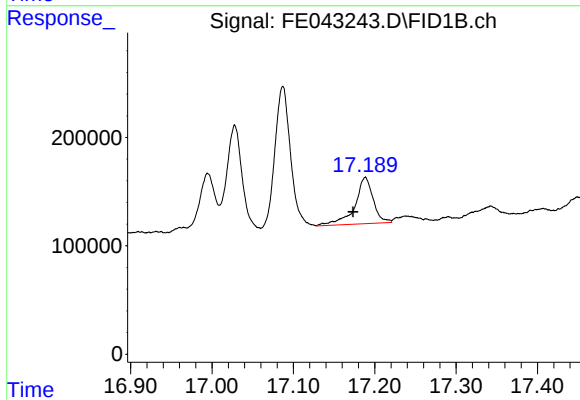
R.T.: 15.184 min
Delta R.T.: -0.017 min
Response: 1968792
Conc: 13.41 ug/ml



#15 n-Hexacosane (C26)

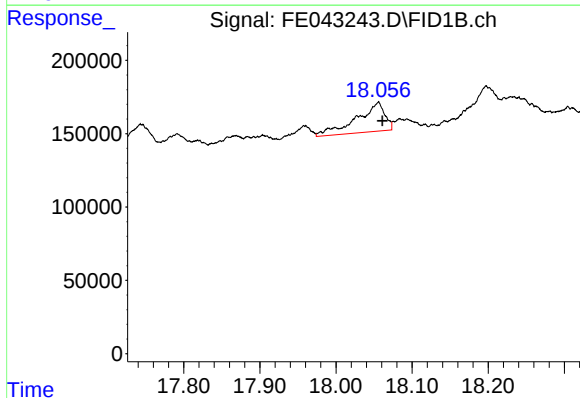
R.T.: 16.219 min
Delta R.T.: -0.003 min
Response: 69969
Conc: 0.49 ug/ml

Instrument :
FID_E
ClientSampleId :



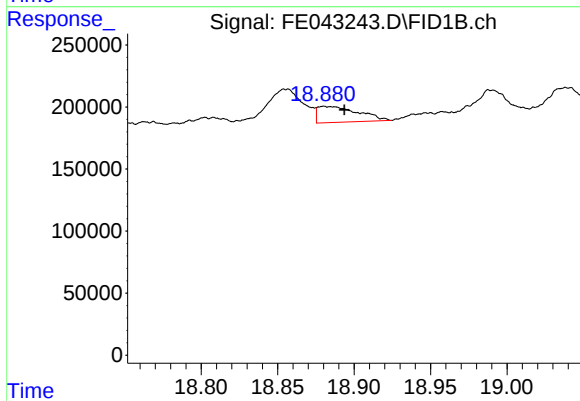
#16 n-Octacosane (C28)

R.T.: 17.188 min
Delta R.T.: 0.015 min
Response: 669170
Conc: 4.76 ug/ml



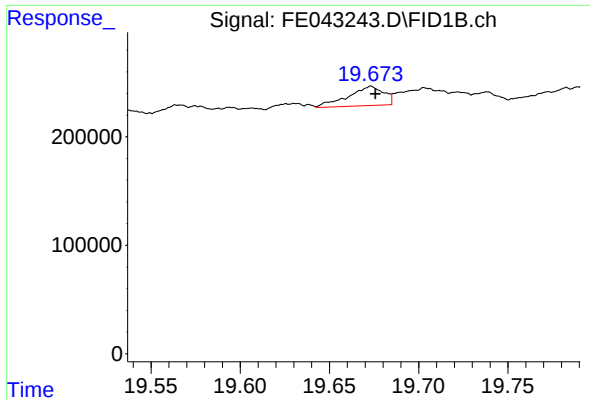
#17 n-Tricontane (C30)

R.T.: 18.056 min
Delta R.T.: -0.005 min
Response: 509074
Conc: 3.46 ug/ml



#18 n-Dotriacontane (C32)

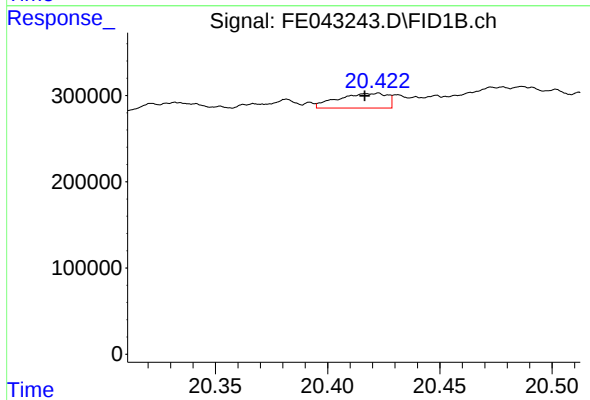
R.T.: 18.880 min
Delta R.T.: -0.013 min
Response: 237517
Conc: 1.60 ug/ml



#19 n-Tetratriacontane (C34)

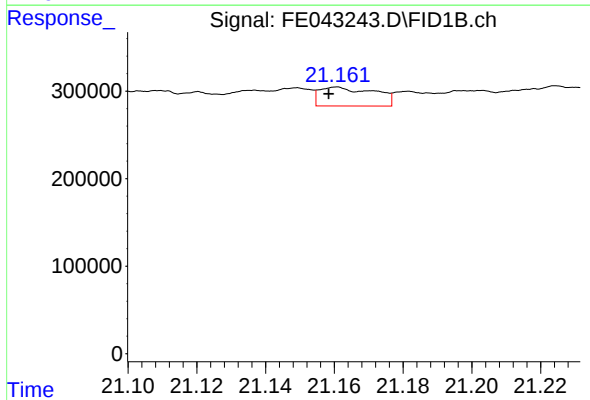
R.T.: 19.673 min
Delta R.T.: -0.002 min
Response: 247330
Conc: 1.71 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.422 min
Delta R.T.: 0.005 min
Response: 260305
Conc: 1.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.161 min
Delta R.T.: 0.002 min
Response: 239659
Conc: 1.68 ug/ml