

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103023AL\
 Data File : FE045083.D
 Signal(s) : FID1B.ch
 Acq On : 30 Oct 2023 07:42
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 30 10:55:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.888	299213	1.493 ug/ml
Spiked Amount 50.000		Recovery =	2.99%
12) S 1-chlorooctadecane (S...	13.415f	2659539	17.972 ug/ml
Spiked Amount 50.000		Recovery =	35.94%
Target Compounds			
8) T n-Octadecane (C18)	11.573	24665	0.141 ug/ml
10) T n-Eicosane (C20)	12.887	81937	0.491 ug/ml
11) T n-Heneicosane (C21)	13.498	377878	2.318 ug/ml
13) T n-Docosane (C22)	14.085	462908	2.894 ug/ml
14) T n-Tetracosane (C24)	15.198	1238399	7.980 ug/ml
15) T n-Hexacosane (C26)	16.227	1240291	8.261 ug/ml
16) T n-Octacosane (C28)	17.180	1355358	9.230 ug/ml
17) T n-Tricontane (C30)	18.071	988900	6.649 ug/ml
18) T n-Dotriacontane (C32)	18.910	3052412	20.337 ug/ml
19) T n-Tetratriacontane (C34)	19.692	2874391	19.309 ug/ml
20) T n-Hexatriacontane (C36)	20.432	1980959	12.885 ug/ml
21) T n-Octatriacontane (C38)	21.165	2011053	12.874 ug/ml
22) T n-Tetracontane (C40)	22.061	249467	1.493 ug/ml

(f)=RT Delta > 1/2 Window

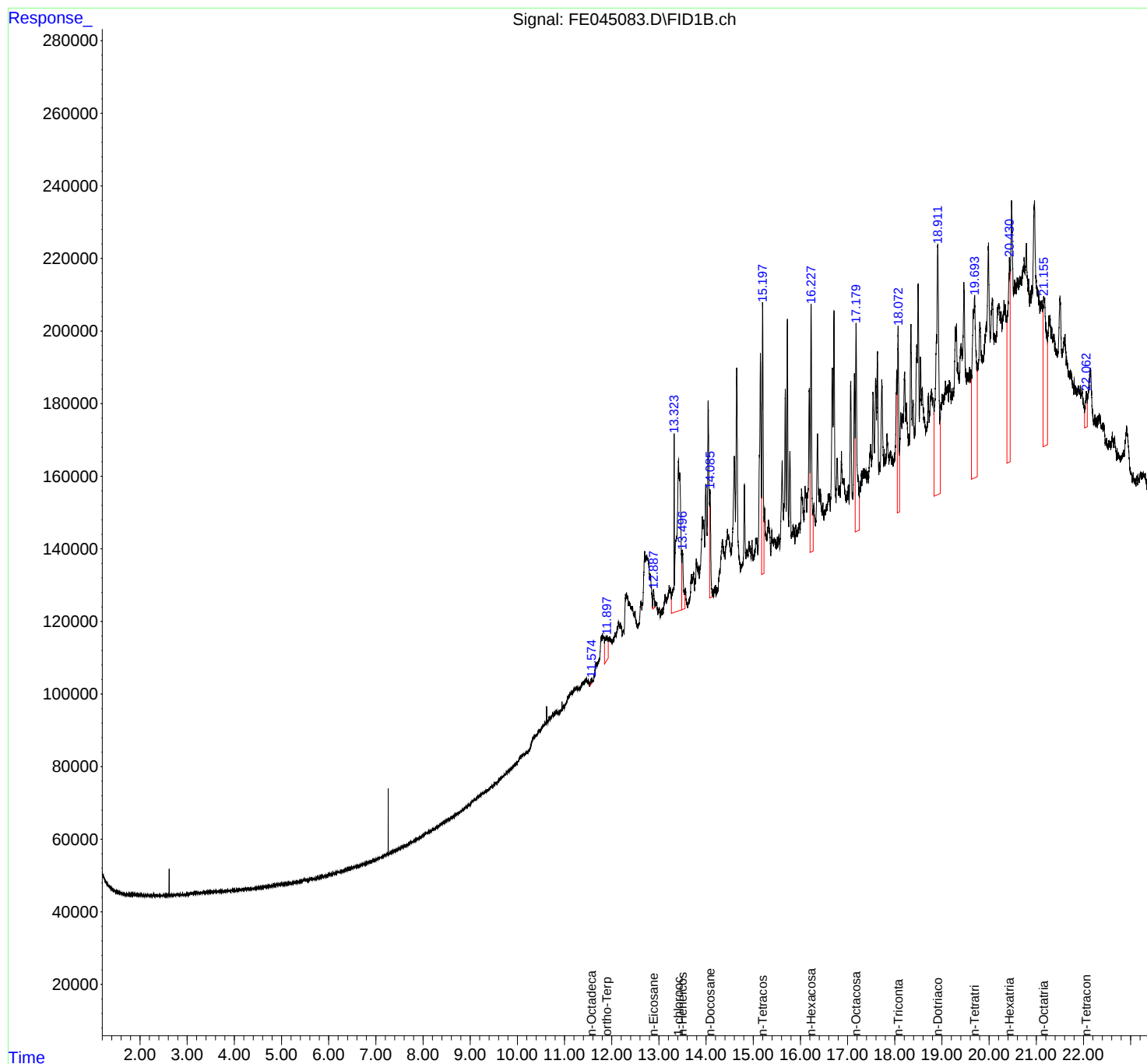
(m)=manual int.

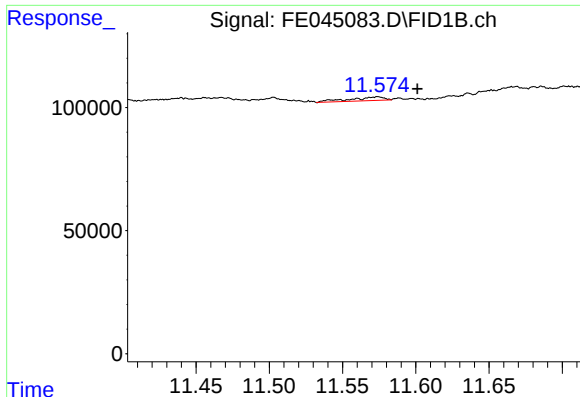
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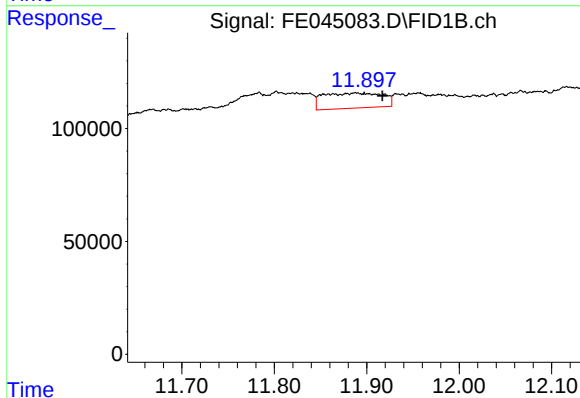




#8 n-Octadecane (C18)

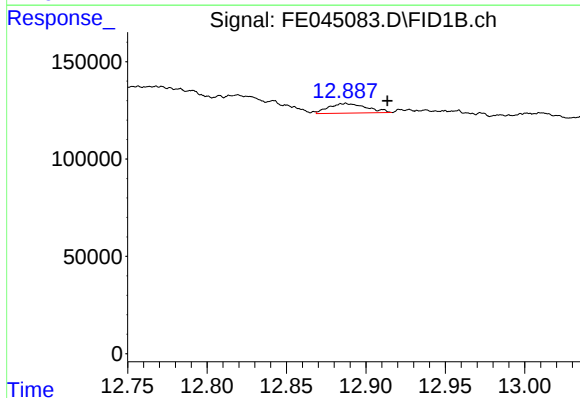
R.T.: 11.573 min
Delta R.T.: -0.028 min
Response: 24665
Conc: 0.14 ug/ml

Instrument :
FID_E
ClientSampleId :



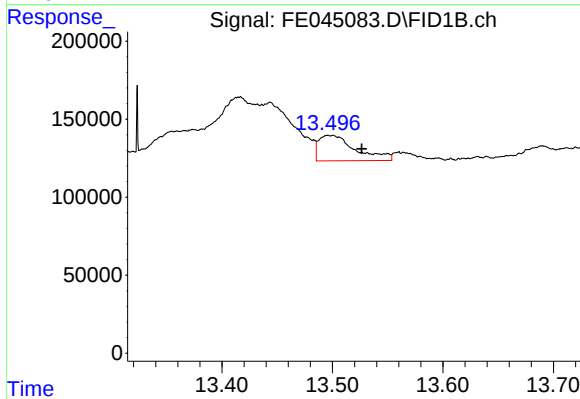
#9 ortho-Terphenyl (SURR)

R.T.: 11.888 min
Delta R.T.: -0.029 min
Response: 299213
Conc: 1.49 ug/ml



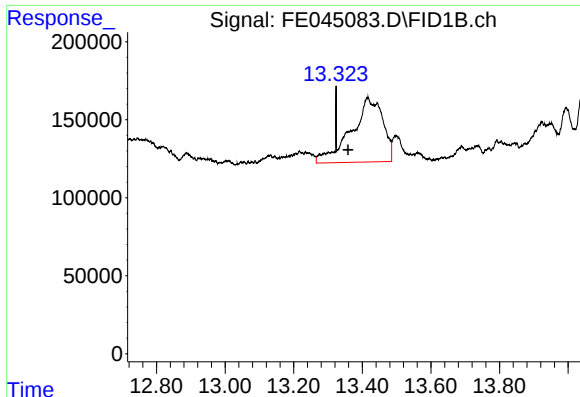
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.026 min
Response: 81937
Conc: 0.49 ug/ml



#11 n-Heneicosane (C21)

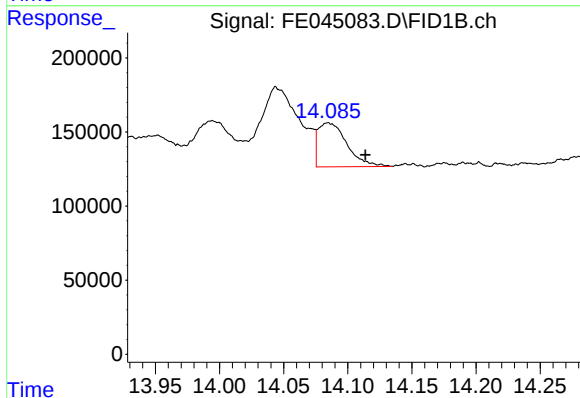
R.T.: 13.498 min
Delta R.T.: -0.029 min
Response: 377878
Conc: 2.32 ug/ml



#12 1-chlorooctadecane (SURR)

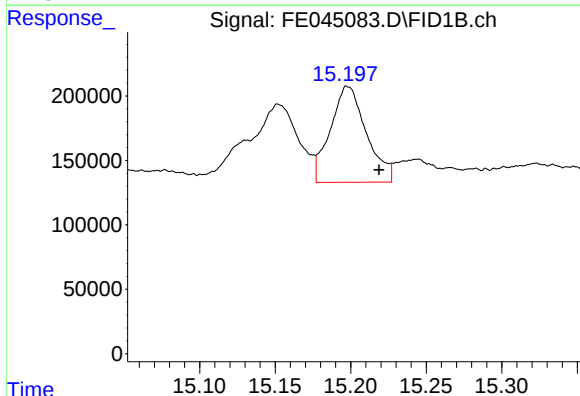
R.T.: 13.415 min
Delta R.T.: 0.057 min
Response: 2659539
Conc: 17.97 ug/ml

Instrument :
FID_E
ClientSampleId :



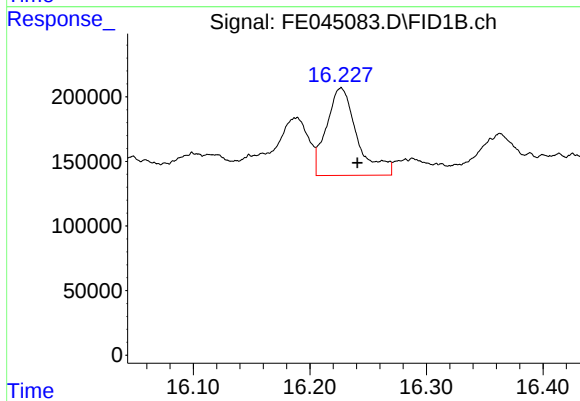
#13 n-Docosane (C22)

R.T.: 14.085 min
Delta R.T.: -0.029 min
Response: 462908
Conc: 2.89 ug/ml



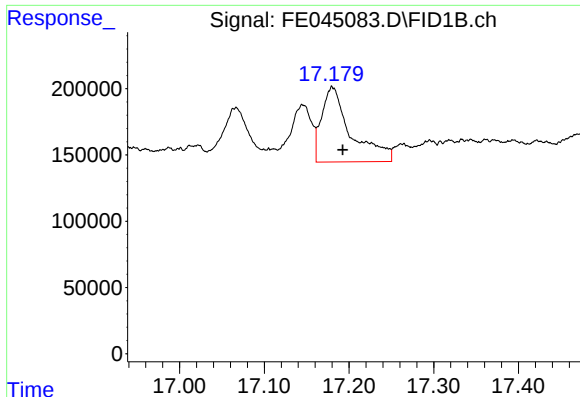
#14 n-Tetracosane (C24)

R.T.: 15.198 min
Delta R.T.: -0.020 min
Response: 1238399
Conc: 7.98 ug/ml



#15 n-Hexacosane (C26)

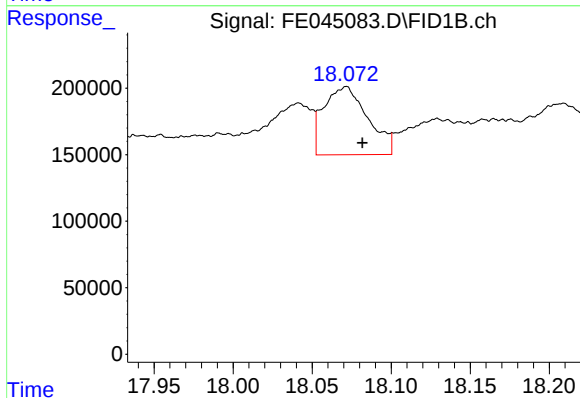
R.T.: 16.227 min
Delta R.T.: -0.014 min
Response: 1240291
Conc: 8.26 ug/ml



#16 n-Octacosane (C28)

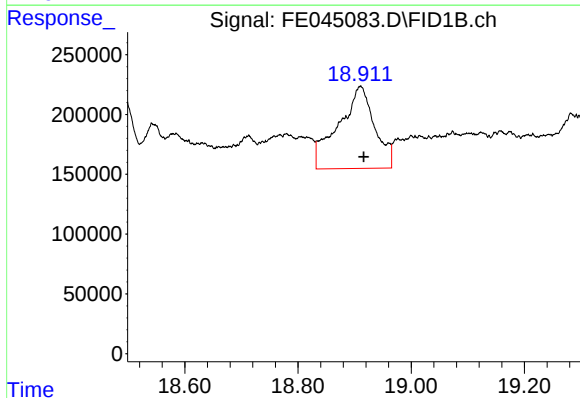
R.T.: 17.180 min
Delta R.T.: -0.012 min
Response: 1355358
Conc: 9.23 ug/ml

Instrument :
FID_E
ClientSampleId :



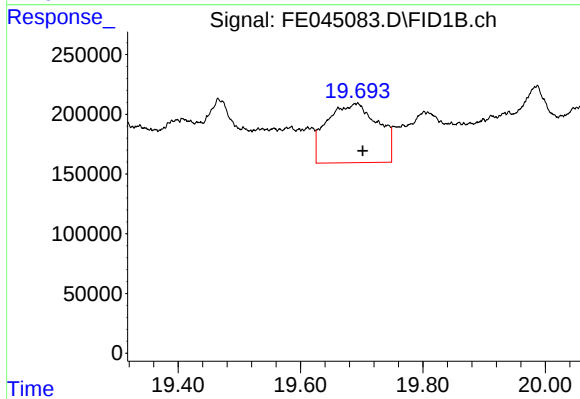
#17 n-Tricontane (C30)

R.T.: 18.071 min
Delta R.T.: -0.011 min
Response: 988900
Conc: 6.65 ug/ml



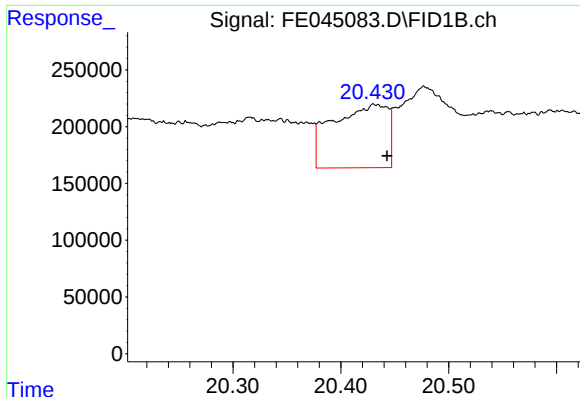
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.006 min
Response: 3052412
Conc: 20.34 ug/ml



#19 n-Tetratriacontane (C34)

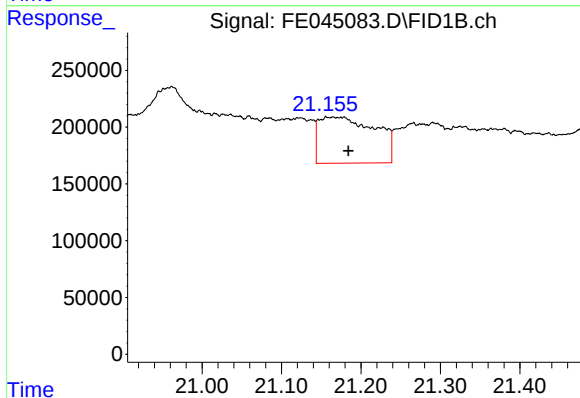
R.T.: 19.692 min
Delta R.T.: -0.010 min
Response: 2874391
Conc: 19.31 ug/ml



#20 n-Hexatriacontane (C36)

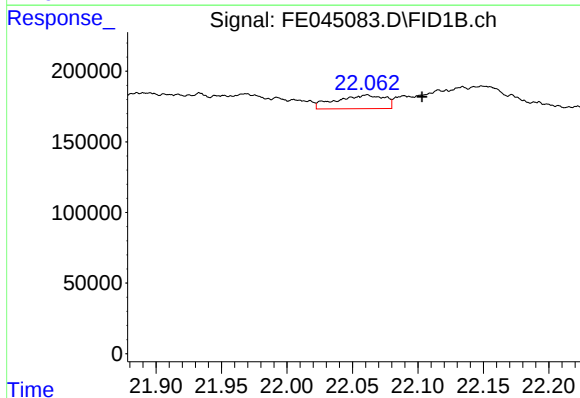
R.T.: 20.432 min
Delta R.T.: -0.011 min
Response: 1980959
Conc: 12.89 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.165 min
Delta R.T.: -0.019 min
Response: 2011053
Conc: 12.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.061 min
Delta R.T.: -0.042 min
Response: 249467
Conc: 1.49 ug/ml