

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071524AL\
 Data File : FE049113.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2024 07:57
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 15 10:48:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 2024
 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)	11.906	498143	2.979 ug/ml
Spiked Amount 50.000		Recovery =	5.96%
12) S 1-chlorooctadecane (S...	13.364	142621	1.109 ug/ml
Spiked Amount 50.000		Recovery =	2.22%
Target Compounds			
7) T n-Hexadecane (C16)	10.118f	48659	0.311 ug/ml
8) T n-Octadecane (C18)	11.567	177649	1.114 ug/ml
10) T n-Eicosane (C20)	12.897	1194614	7.705 ug/ml
11) T n-Heneicosane (C21)	13.515	1257936	8.261 ug/ml
13) T n-Docosane (C22)	14.101	1754647	11.602 ug/ml
14) T n-Tetracosane (C24)	15.207	1632319	10.862 ug/ml
15) T n-Hexacosane (C26)	16.241	2657490	18.001 ug/ml
16) T n-Octacosane (C28)	17.182	889644	6.169 ug/ml
17) T n-Tricontane (C30)	18.072	785639	5.370 ug/ml
18) T n-Dotriacontane (C32)	18.905	815644	5.705 ug/ml
19) T n-Tetratriacontane (C34)	19.659	3062755	22.134 ug/ml
20) T n-Hexatriacontane (C36)	20.433	252061	1.939 ug/ml
21) T n-Octatriacontane (C38)	21.220f	35896	0.280 ug/ml
22) T n-Tetracontane (C40)	22.055	1373953	11.220 ug/ml

(f)=RT Delta > 1/2 Window

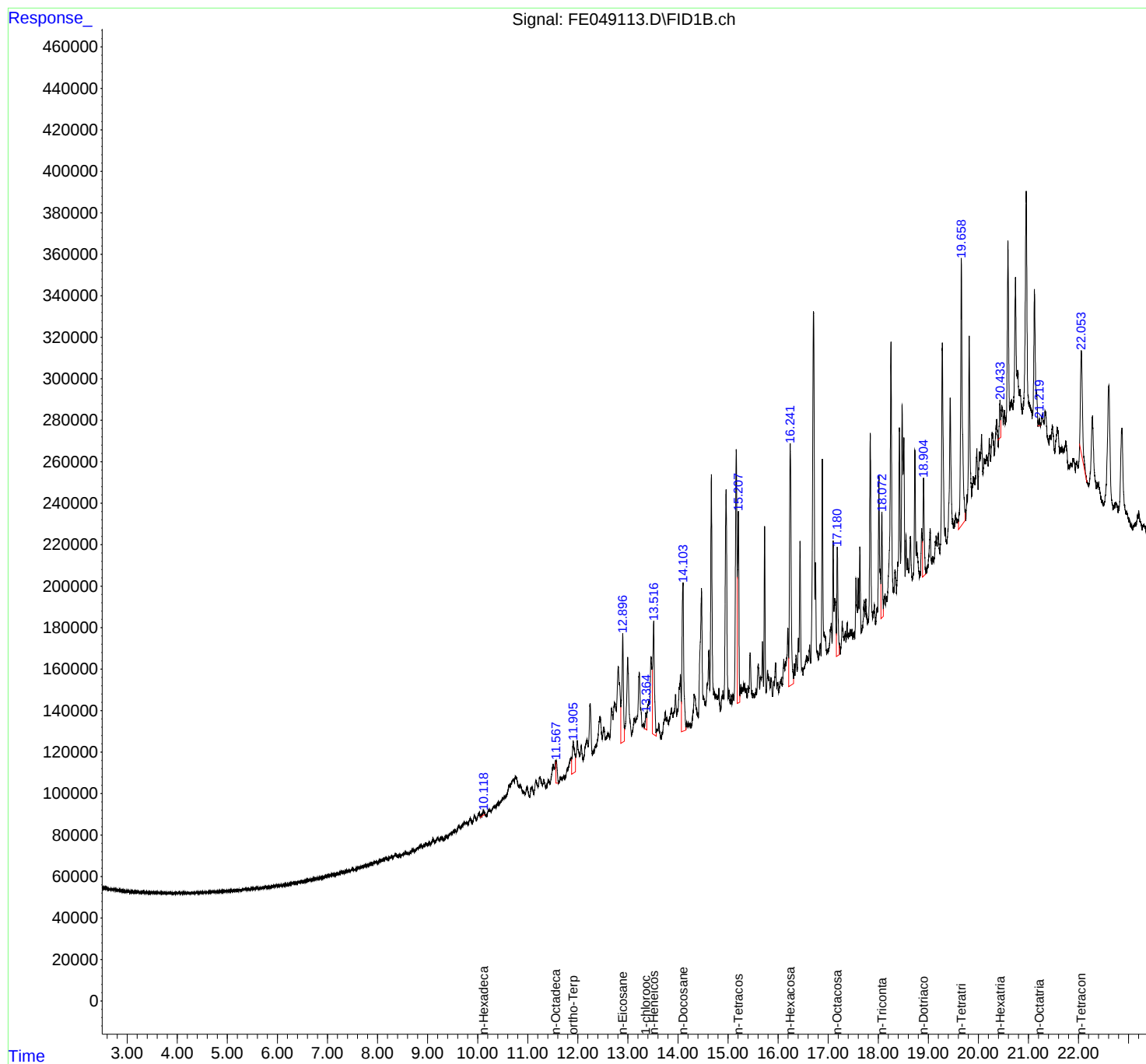
(m)=manual int.

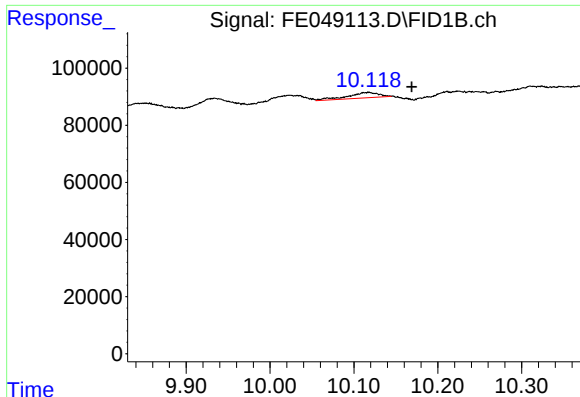
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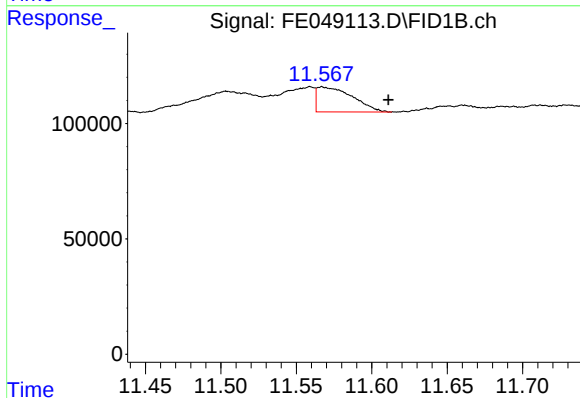




#7 n-Hexadecane (C16)

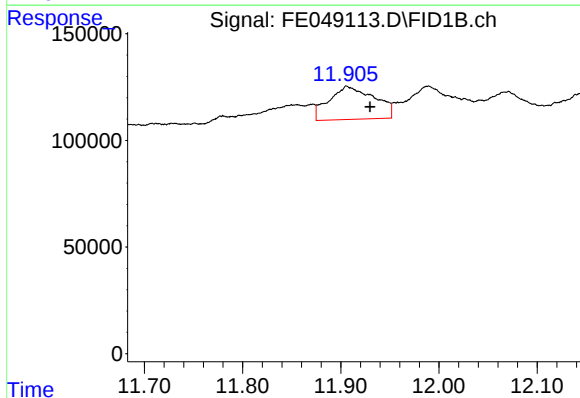
R.T.: 10.118 min
Delta R.T.: -0.051 min
Response: 48659
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :



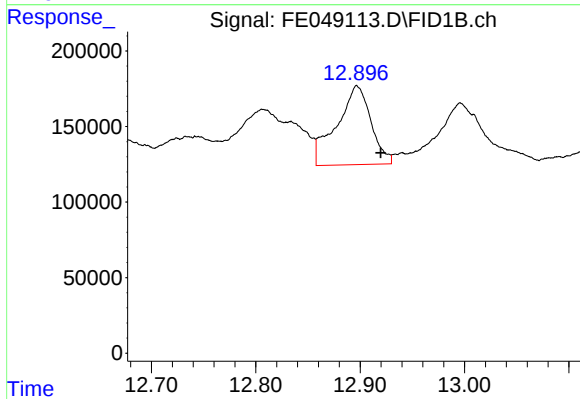
#8 n-Octadecane (C18)

R.T.: 11.567 min
Delta R.T.: -0.044 min
Response: 177649
Conc: 1.11 ug/ml



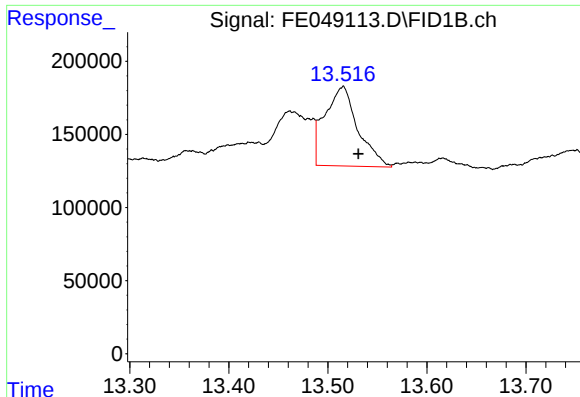
#9 ortho-Terphenyl (SURR)

R.T.: 11.906 min
Delta R.T.: -0.024 min
Response: 498143
Conc: 2.98 ug/ml



#10 n-Eicosane (C20)

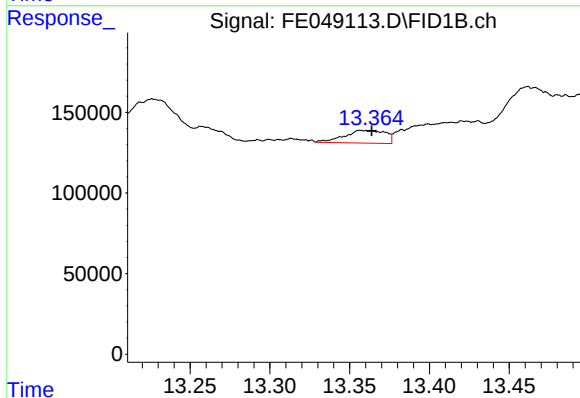
R.T.: 12.897 min
Delta R.T.: -0.023 min
Response: 1194614
Conc: 7.71 ug/ml



#11 n-Heneicosane (C21)

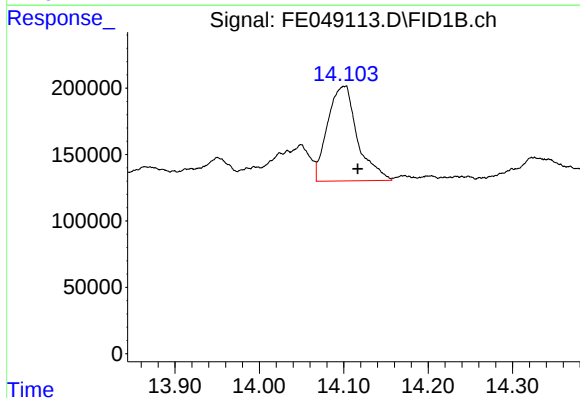
R.T.: 13.515 min
Delta R.T.: -0.015 min
Response: 1257936
Conc: 8.26 ug/ml

Instrument :
FID_E
ClientSampleId :



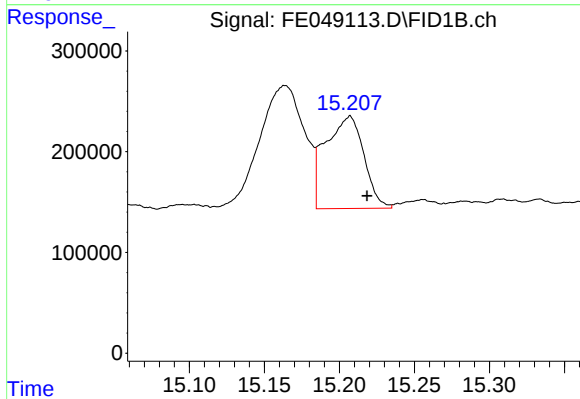
#12 1-chlorooctadecane (SURR)

R.T.: 13.364 min
Delta R.T.: 0.000 min
Response: 142621
Conc: 1.11 ug/ml



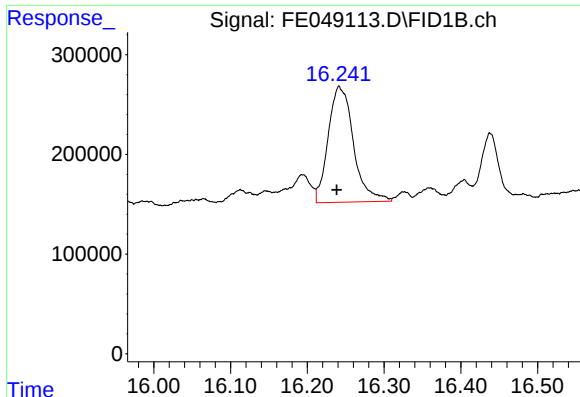
#13 n-Docosane (C22)

R.T.: 14.101 min
Delta R.T.: -0.015 min
Response: 1754647
Conc: 11.60 ug/ml



#14 n-Tetracosane (C24)

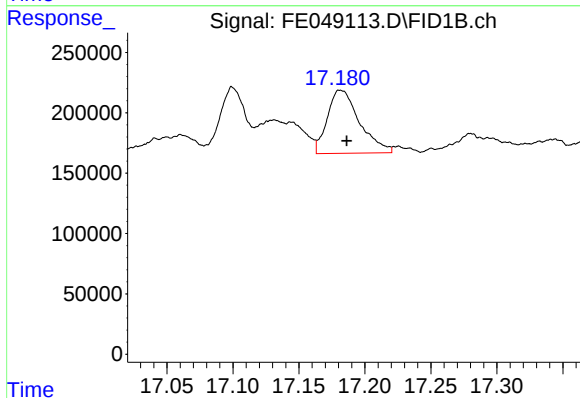
R.T.: 15.207 min
Delta R.T.: -0.011 min
Response: 1632319
Conc: 10.86 ug/ml



#15 n-Hexacosane (C26)

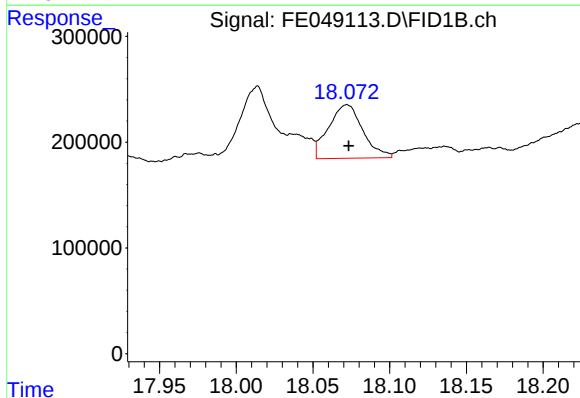
R.T.: 16.241 min
Delta R.T.: 0.003 min
Response: 2657490
Conc: 18.00 ug/ml

Instrument :
FID_E
ClientSampleId :



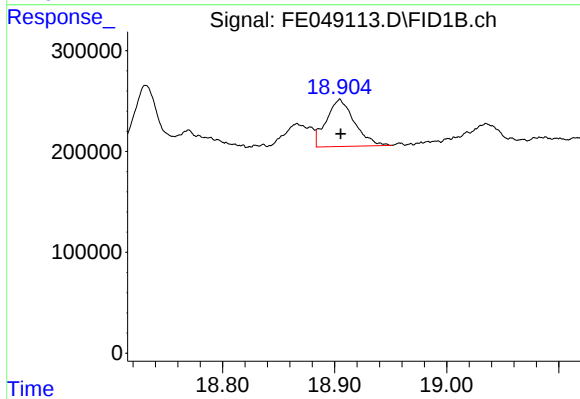
#16 n-Octacosane (C28)

R.T.: 17.182 min
Delta R.T.: -0.005 min
Response: 889644
Conc: 6.17 ug/ml



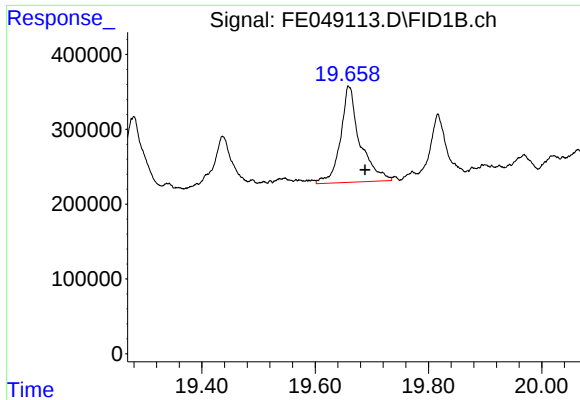
#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: -0.001 min
Response: 785639
Conc: 5.37 ug/ml



#18 n-Dotriacontane (C32)

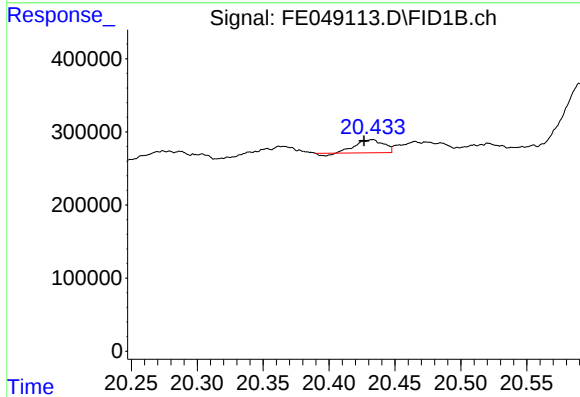
R.T.: 18.905 min
Delta R.T.: 0.000 min
Response: 815644
Conc: 5.70 ug/ml



#19 n-Tetratriacontane (C34)

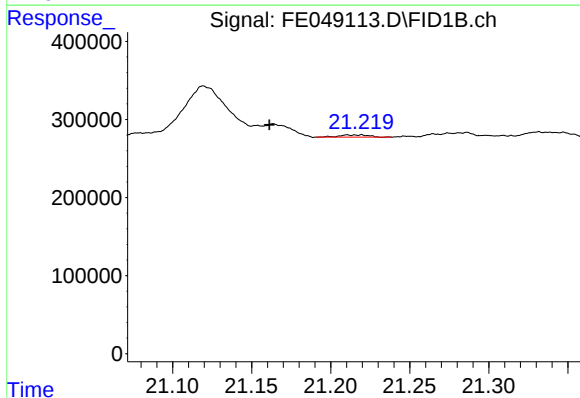
R.T.: 19.659 min
Delta R.T.: -0.029 min
Response: 3062755
Conc: 22.13 ug/ml

Instrument :
FID_E
ClientSampleId :



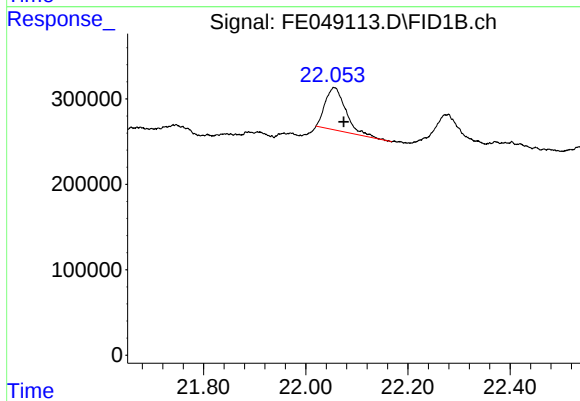
#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: 0.006 min
Response: 252061
Conc: 1.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: 0.058 min
Response: 35896
Conc: 0.28 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.055 min
Delta R.T.: -0.019 min
Response: 1373953
Conc: 11.22 ug/ml