

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072224AL\
 Data File : FE049211.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2024 07:48
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 22 10:43:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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			
12) S 1-chlorooctadecane (S...	13.363	170226	1.457 ug/ml
Spiked Amount 50.000		Recovery =	2.91%
Target Compounds			
8) T n-Octadecane (C18)	11.579	34897	0.230 ug/ml
10) T n-Eicosane (C20)	12.885	123576	0.855 ug/ml
11) T n-Heneicosane (C21)	13.486	349025	2.461 ug/ml
13) T n-Docosane (C22)	14.065	1081452	7.698 ug/ml
14) T n-Tetracosane (C24)	15.191	778416	5.554 ug/ml
15) T n-Hexacosane (C26)	16.225	1829965	13.051 ug/ml
16) T n-Octacosane (C28)	17.167	615275	4.396 ug/ml
17) T n-Tricontane (C30)	18.056	592479	4.062 ug/ml
18) T n-Dotriacontane (C32)	18.889	797633	5.425 ug/ml
19) T n-Tetratriacontane (C34)	19.642	2066540	14.148 ug/ml
20) T n-Hexatriacontane (C36)	20.407	184998	1.283 ug/ml
21) T n-Octatriacontane (C38)	21.137	162655	1.087 ug/ml
22) T n-Tetracontane (C40)	22.072	44851	0.297 ug/ml

(f)=RT Delta > 1/2 Window

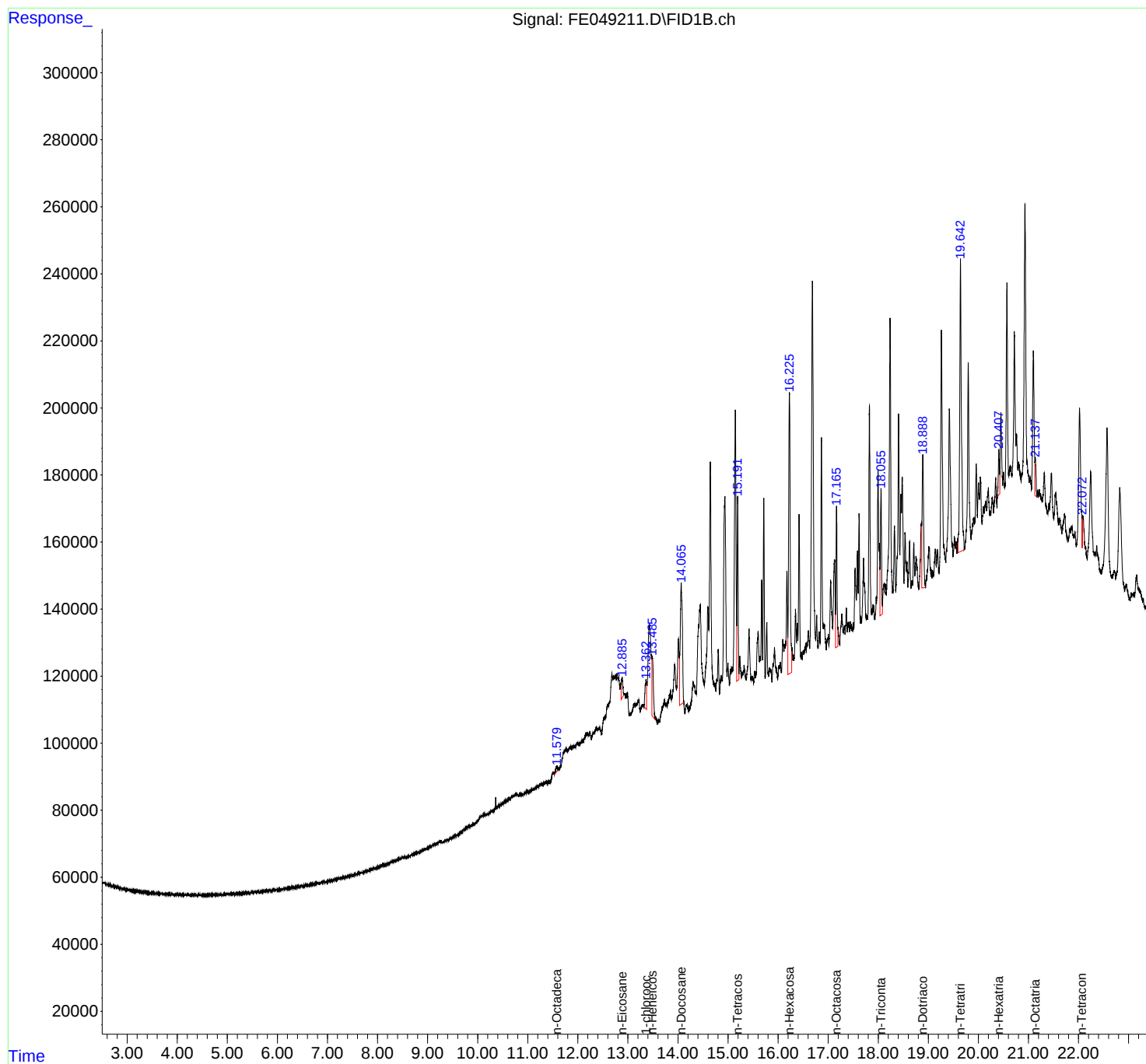
(m)=manual int.

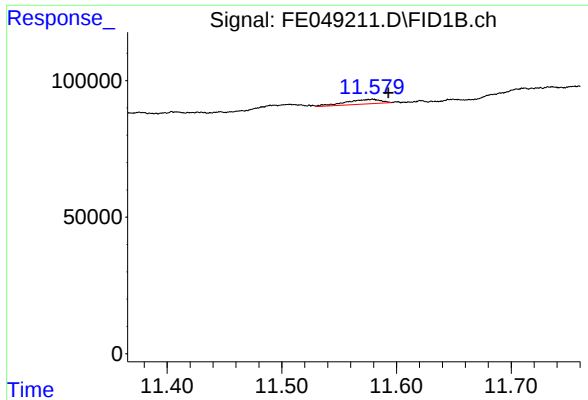
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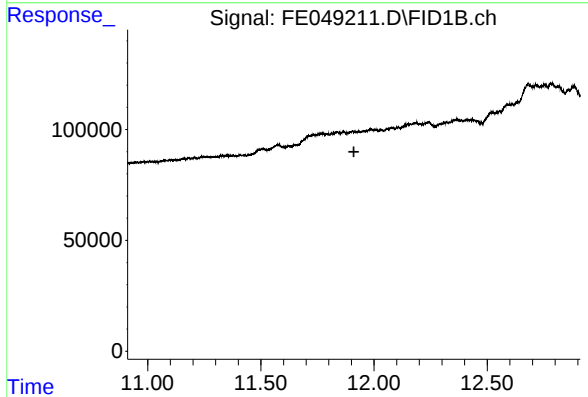




#8 n-Octadecane (C18)

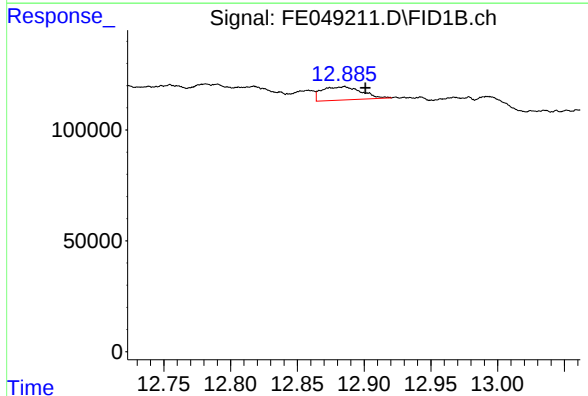
R.T.: 11.579 min
Delta R.T.: -0.014 min
Response: 34897
Conc: 0.23 ug/ml

Instrument :
FID_E
ClientSampleId :



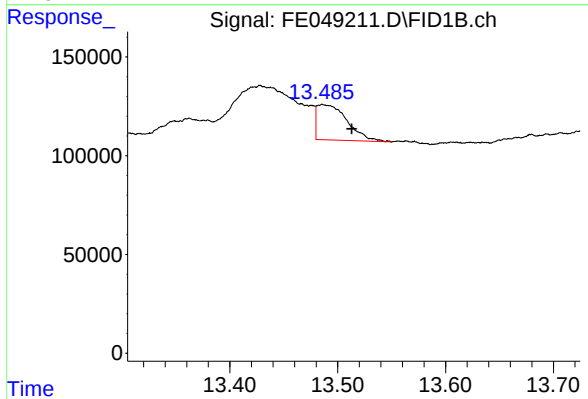
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.911 min
Response: 0
Conc: N.D.



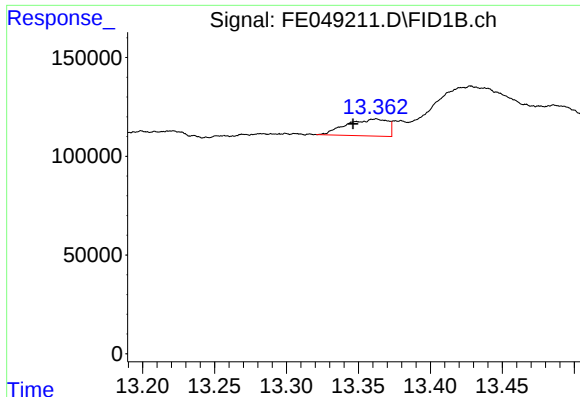
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.016 min
Response: 123576
Conc: 0.85 ug/ml



#11 n-Heneicosane (C21)

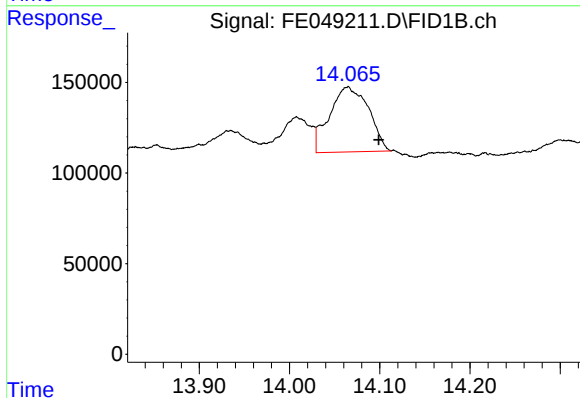
R.T.: 13.486 min
Delta R.T.: -0.027 min
Response: 349025
Conc: 2.46 ug/ml



#12 1-chlorooctadecane (SURR)

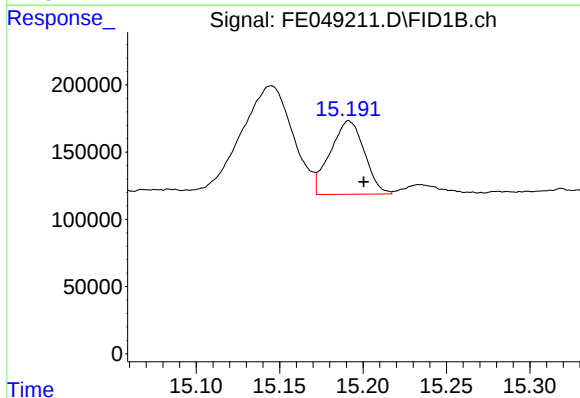
R.T.: 13.363 min
Delta R.T.: 0.016 min
Response: 170226
Conc: 1.46 ug/ml

Instrument :
FID_E
ClientSampleId :



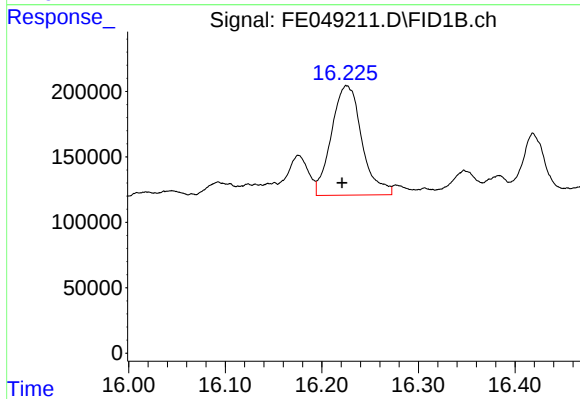
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: -0.034 min
Response: 1081452
Conc: 7.70 ug/ml



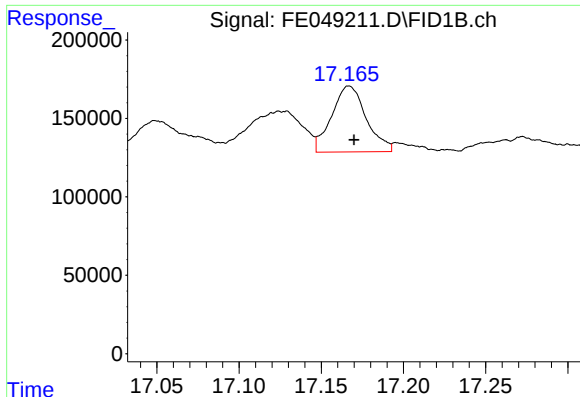
#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: -0.009 min
Response: 778416
Conc: 5.55 ug/ml



#15 n-Hexacosane (C26)

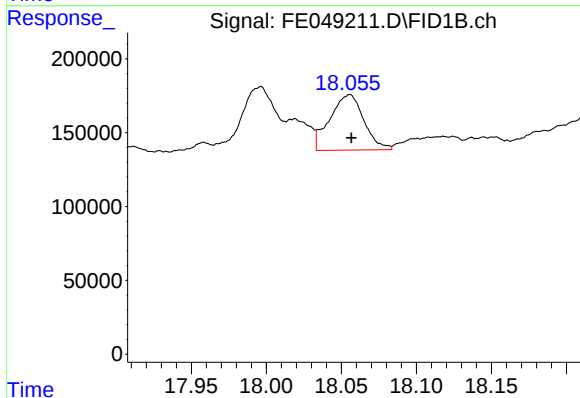
R.T.: 16.225 min
Delta R.T.: 0.004 min
Response: 1829965
Conc: 13.05 ug/ml



#16 n-Octacosane (C28)

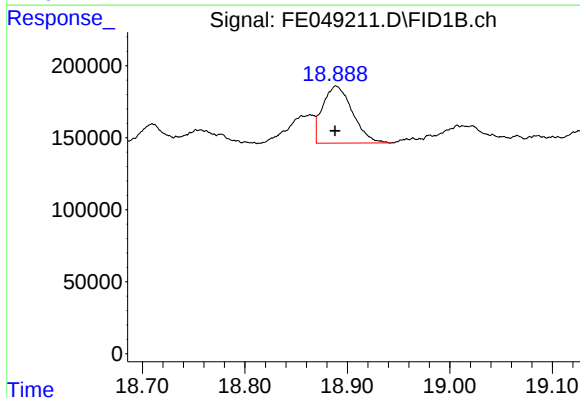
R.T.: 17.167 min
Delta R.T.: -0.003 min
Response: 615275
Conc: 4.40 ug/ml

Instrument :
FID_E
ClientSampleId :



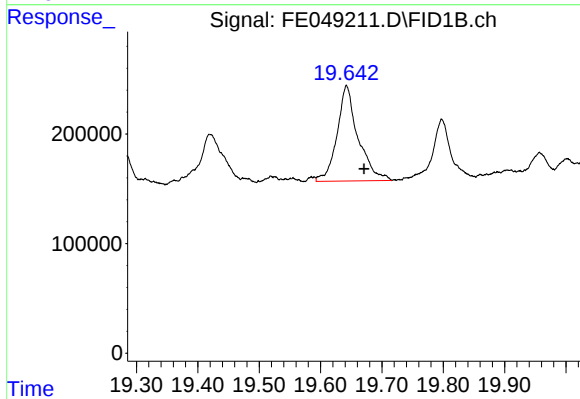
#17 n-Tricontane (C30)

R.T.: 18.056 min
Delta R.T.: 0.000 min
Response: 592479
Conc: 4.06 ug/ml



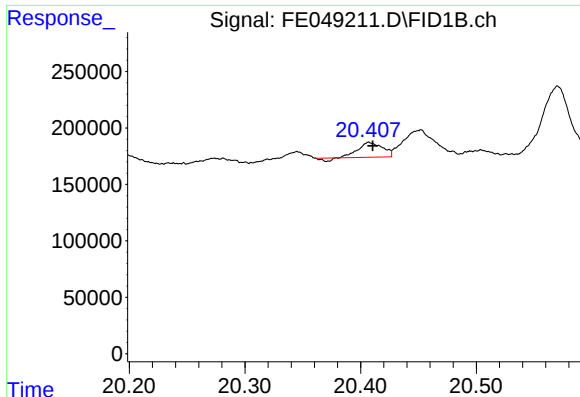
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: 0.000 min
Response: 797633
Conc: 5.42 ug/ml



#19 n-Tetratriacontane (C34)

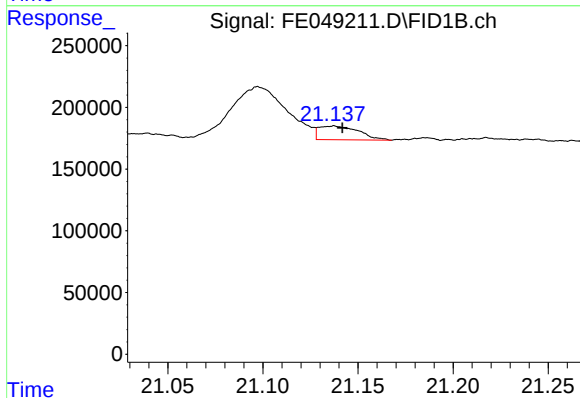
R.T.: 19.642 min
Delta R.T.: -0.029 min
Response: 2066540
Conc: 14.15 ug/ml



#20 n-Hexatriacontane (C36)

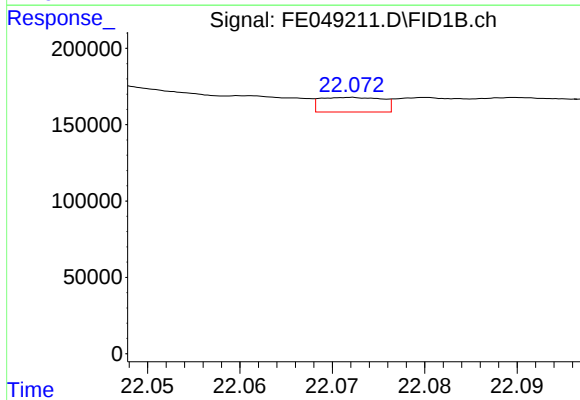
R.T.: 20.407 min
Delta R.T.: -0.003 min
Response: 184998
Conc: 1.28 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.137 min
Delta R.T.: -0.004 min
Response: 162655
Conc: 1.09 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: 0.025 min
Response: 44851
Conc: 0.30 ug/ml