

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071524AL\
 Data File : FE049117.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2024 10:28
 Operator : YP\AJ
 Sample : P3227-02DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 15 10:52:56 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)	11.927	893814	5.345 ug/ml
Spiked Amount 50.000		Recovery =	10.69%
12) S 1-chlorooctadecane (S...	13.362	945204	7.351 ug/ml
Spiked Amount 50.000		Recovery =	14.70%
Target Compounds			
6) T n-Tetradecane (C14)	8.556	76023	0.496 ug/ml
7) T n-Hexadecane (C16)	10.164	139611	0.893 ug/ml
8) T n-Octadecane (C18)	11.606	137567	0.863 ug/ml
10) T n-Eicosane (C20)	12.916	121201	0.782 ug/ml
11) T n-Heneicosane (C21)	13.529	78336	0.514 ug/ml
13) T n-Docosane (C22)	14.115	69771	0.461 ug/ml
14) T n-Tetracosane (C24)	15.215	64741	0.431 ug/ml
16) T n-Octacosane (C28)	17.192	34058	0.236 ug/ml
17) T n-Tricontane (C30)	18.077	164725	1.126 ug/ml
18) T n-Dotriacontane (C32)	18.912	175443	1.227 ug/ml
19) T n-Tetratriacontane (C34)	19.694	235483	1.702 ug/ml
20) T n-Hexatriacontane (C36)	20.429	61728	0.475 ug/ml
21) T n-Octatriacontane (C38)	21.158	110557	0.862 ug/ml
22) T n-Tetracontane (C40)	22.059	62722	0.512 ug/ml

(f)=RT Delta > 1/2 Window

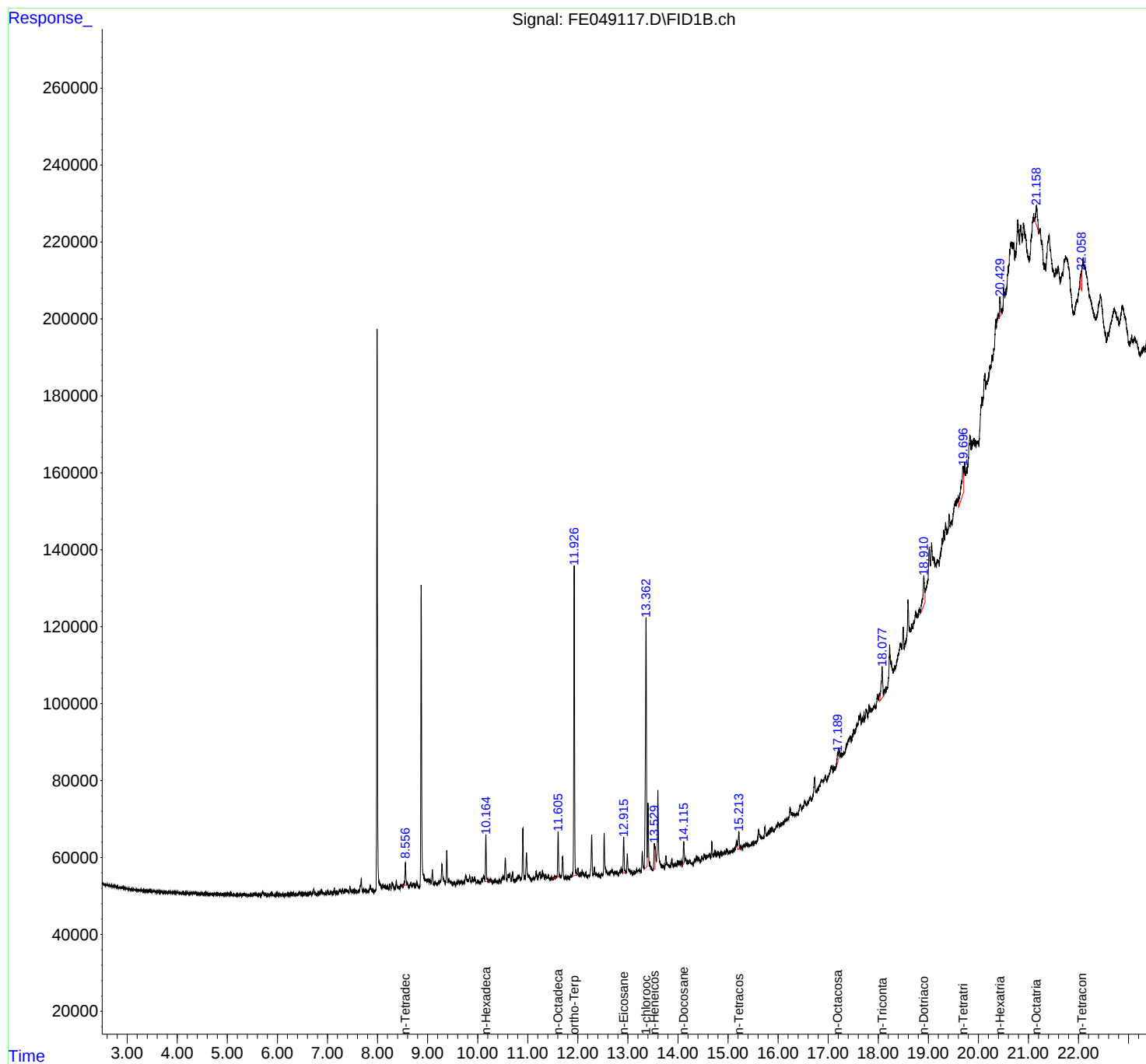
(m)=manual int.

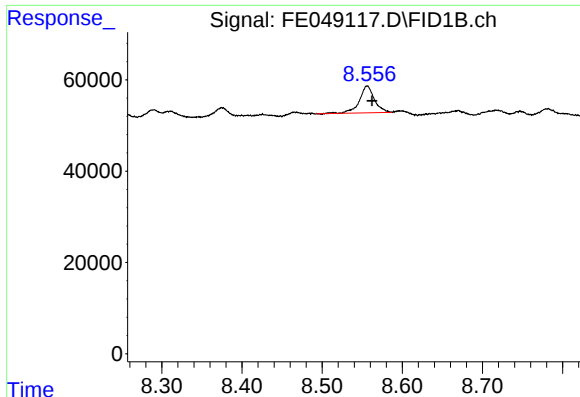
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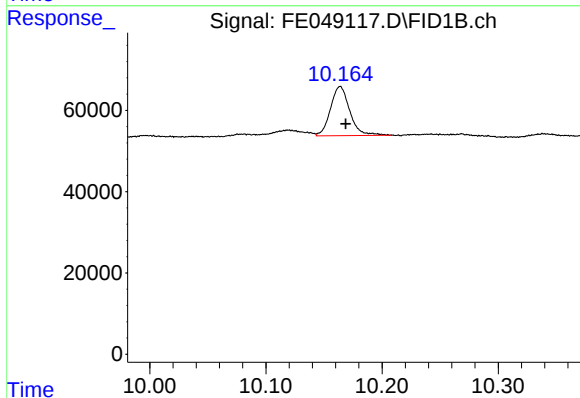




#6 n-Tetradecane (C14)

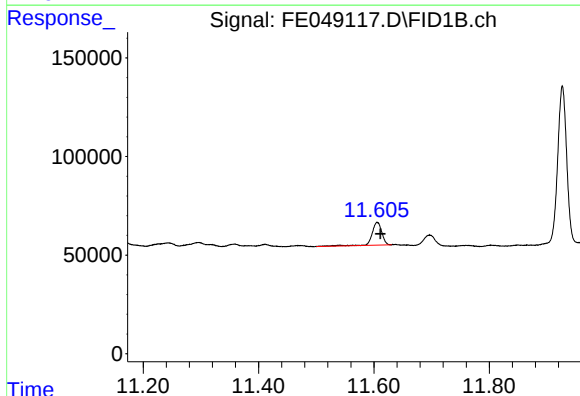
R.T.: 8.556 min
Delta R.T.: -0.006 min
Response: 76023
Conc: 0.50 ug/ml

Instrument :
FID_E
ClientSampleId :



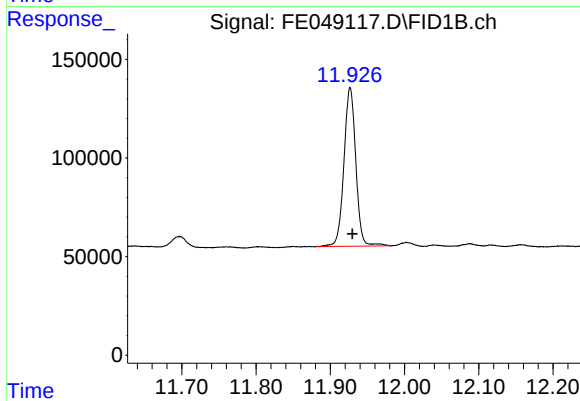
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.005 min
Response: 139611
Conc: 0.89 ug/ml



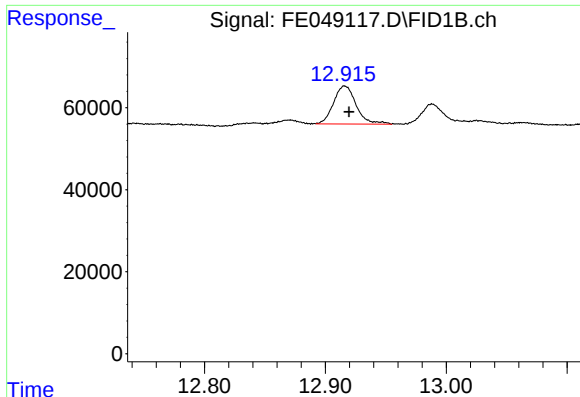
#8 n-Octadecane (C18)

R.T.: 11.606 min
Delta R.T.: -0.006 min
Response: 137567
Conc: 0.86 ug/ml



#9 ortho-Terphenyl (SURR)

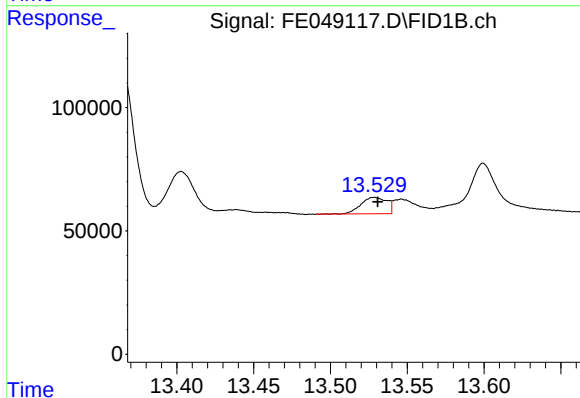
R.T.: 11.927 min
Delta R.T.: -0.003 min
Response: 893814
Conc: 5.35 ug/ml



#10 n-Eicosane (C20)

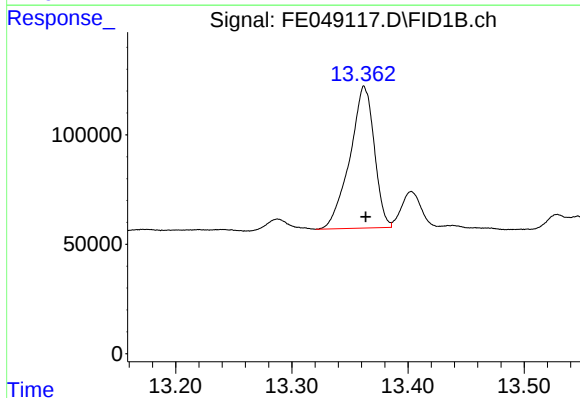
R.T.: 12.916 min
Delta R.T.: -0.004 min
Response: 121201
Conc: 0.78 ug/ml

Instrument :
FID_E
ClientSampleId :



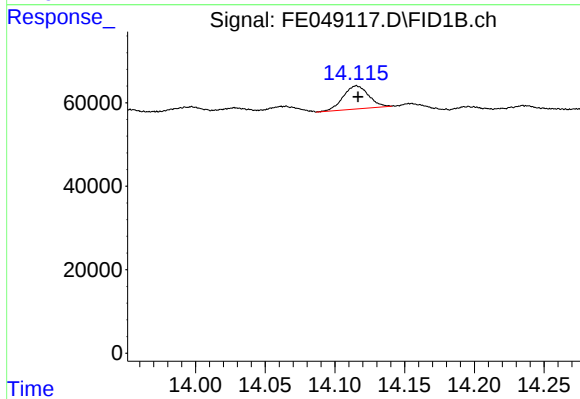
#11 n-Heneicosane (C21)

R.T.: 13.529 min
Delta R.T.: -0.002 min
Response: 78336
Conc: 0.51 ug/ml



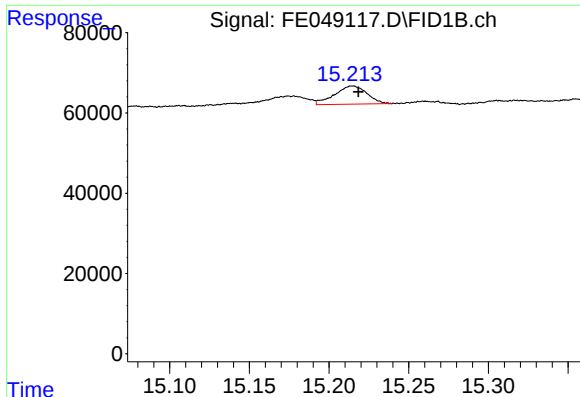
#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: -0.002 min
Response: 945204
Conc: 7.35 ug/ml



#13 n-Docosane (C22)

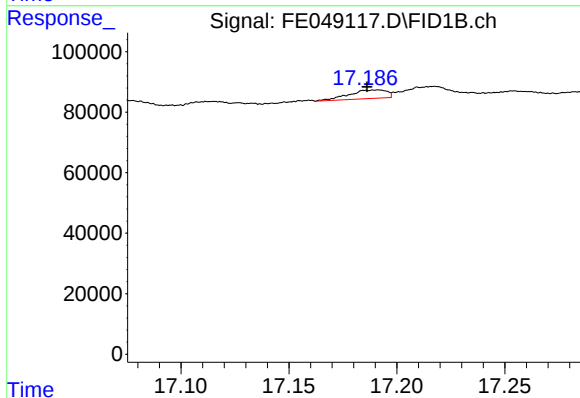
R.T.: 14.115 min
Delta R.T.: -0.001 min
Response: 69771
Conc: 0.46 ug/ml



#14 n-Tetracosane (C24)

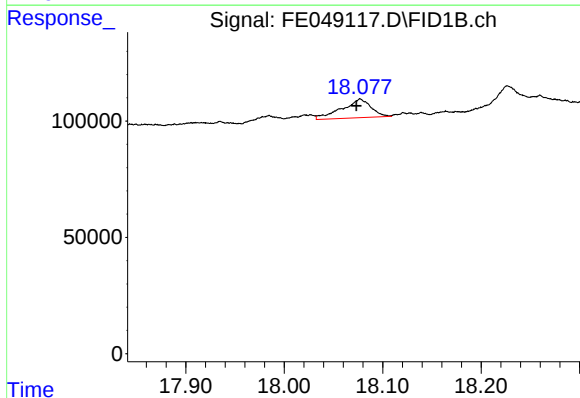
R.T.: 15.215 min
Delta R.T.: -0.003 min
Response: 64741
Conc: 0.43 ug/ml

Instrument :
FID_E
ClientSampleId :



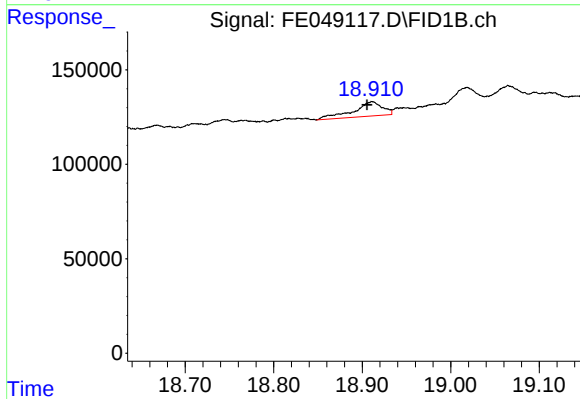
#16 n-Octacosane (C28)

R.T.: 17.192 min
Delta R.T.: 0.005 min
Response: 34058
Conc: 0.24 ug/ml



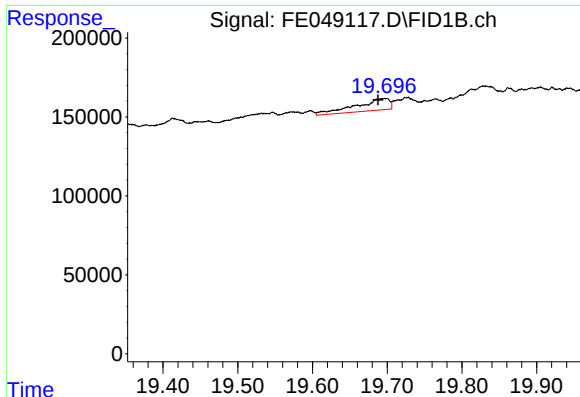
#17 n-Tricontane (C30)

R.T.: 18.077 min
Delta R.T.: 0.004 min
Response: 164725
Conc: 1.13 ug/ml



#18 n-Dotriacontane (C32)

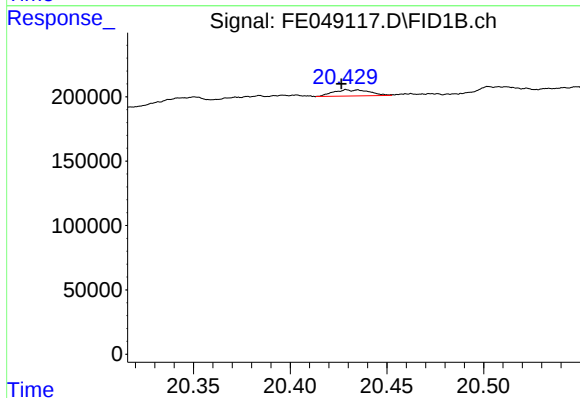
R.T.: 18.912 min
Delta R.T.: 0.006 min
Response: 175443
Conc: 1.23 ug/ml



#19 n-Tetratriacontane (C34)

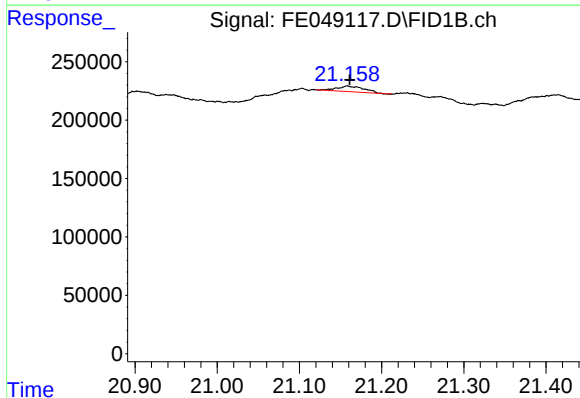
R.T.: 19.694 min
Delta R.T.: 0.006 min
Response: 235483
Conc: 1.70 ug/ml

Instrument :
FID_E
ClientSampleId :



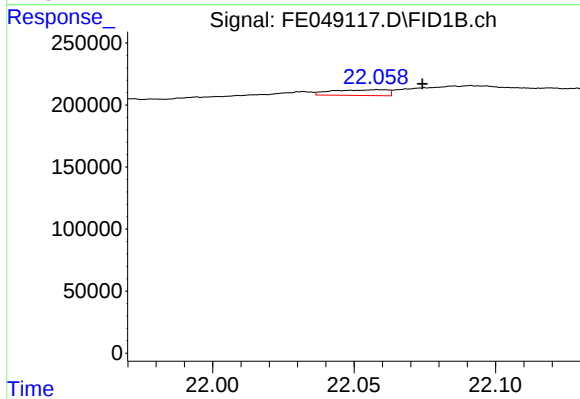
#20 n-Hexatriacontane (C36)

R.T.: 20.429 min
Delta R.T.: 0.003 min
Response: 61728
Conc: 0.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.158 min
Delta R.T.: -0.003 min
Response: 110557
Conc: 0.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.059 min
Delta R.T.: -0.015 min
Response: 62722
Conc: 0.51 ug/ml