

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110323AL\
 Data File : FE045182.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2023 17:58
 Operator : YP\AJ
 Sample : 05234-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 03 23:04:15 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)	11.890	4409717	21.997 ug/ml
Spiked Amount 50.000		Recovery =	43.99%
12) S 1-chlorooctadecane (S...	13.332	3320946	22.441 ug/ml
Spiked Amount 50.000		Recovery =	44.88%
Target Compounds			
8) T n-Octadecane (C18)	11.647	74600	0.428 ug/ml
16) T n-Octacosane (C28)	17.212	37280	0.254 ug/ml
17) T n-Tricontane (C30)	18.055	236276	1.589 ug/ml
18) T n-Dotriacontane (C32)	18.889	143510	0.956 ug/ml
19) T n-Tetratriacontane (C34)	19.708	221095	1.485 ug/ml
20) T n-Hexatriacontane (C36)	20.450	1104065	7.181 ug/ml
21) T n-Octatriacontane (C38)	21.133f	1342355	8.593 ug/ml
22) T n-Tetracontane (C40)	22.075	308351	1.845 ug/ml

(f)=RT Delta > 1/2 Window

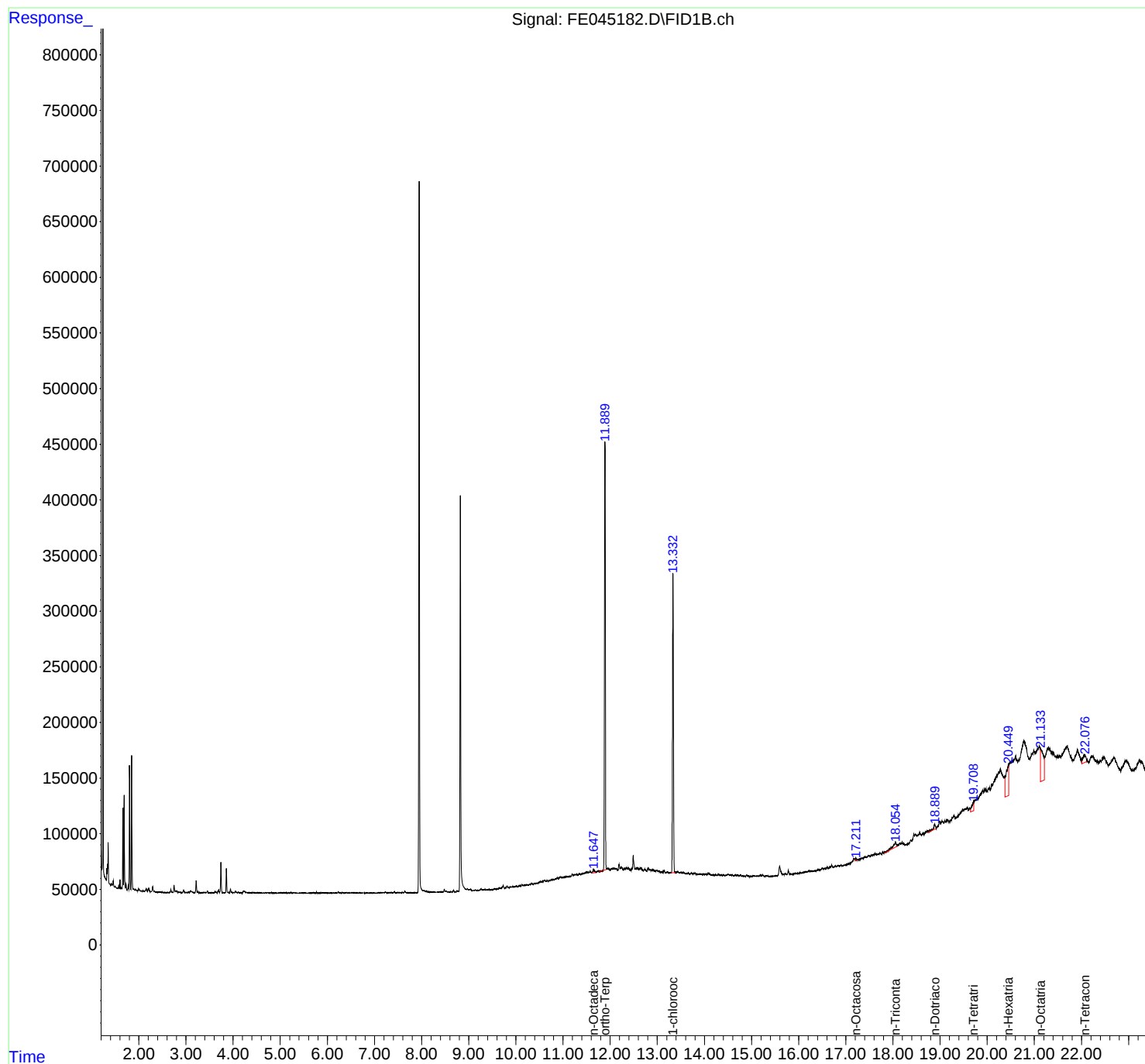
(m)=manual int.

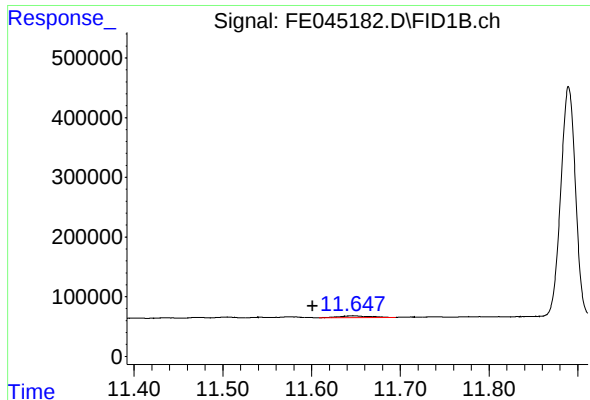
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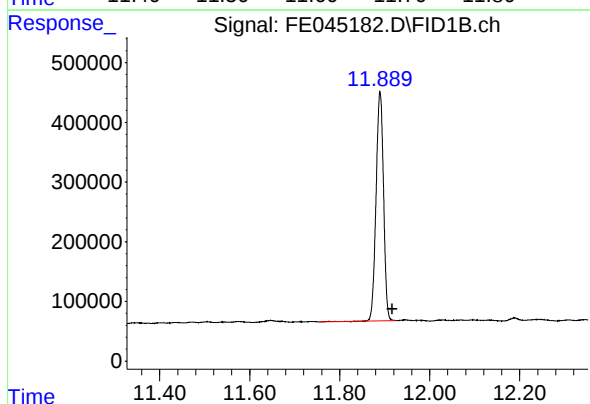




#8 n-Octadecane (C18)

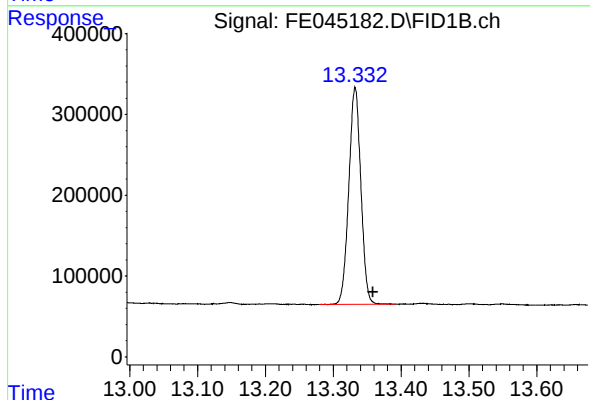
R.T.: 11.647 min
Delta R.T.: 0.046 min
Response: 74600
Conc: 0.43 ug/ml

Instrument :
FID_E
ClientSampleId :



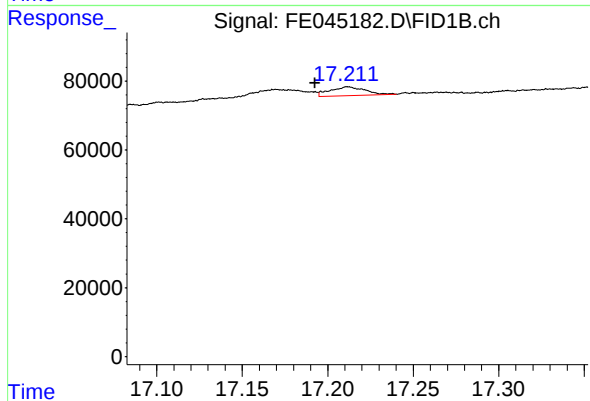
#9 ortho-Terphenyl (SURR)

R.T.: 11.890 min
Delta R.T.: -0.027 min
Response: 4409717
Conc: 22.00 ug/ml



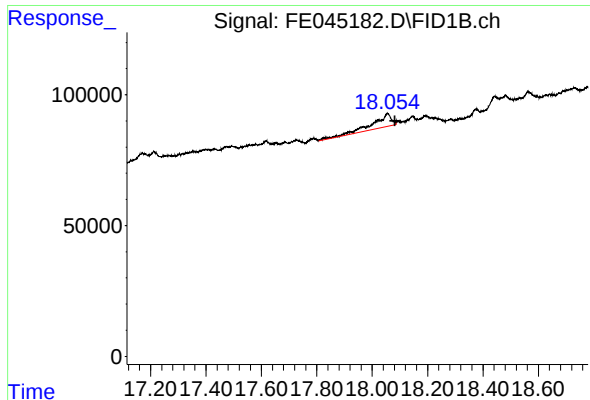
#12 1-chlorooctadecane (SURR)

R.T.: 13.332 min
Delta R.T.: -0.026 min
Response: 3320946
Conc: 22.44 ug/ml



#16 n-Octacosane (C28)

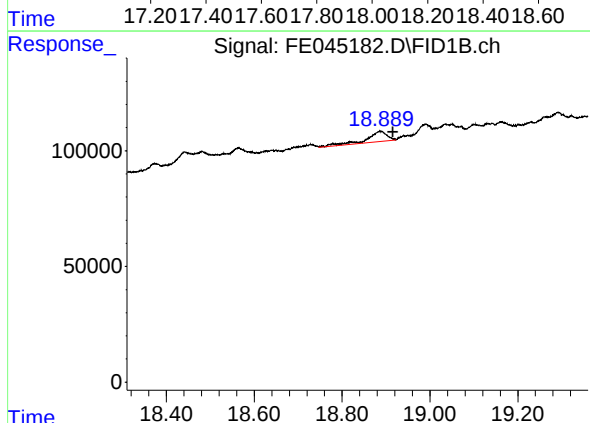
R.T.: 17.212 min
Delta R.T.: 0.020 min
Response: 37280
Conc: 0.25 ug/ml



#17 n-Tricontane (C30)

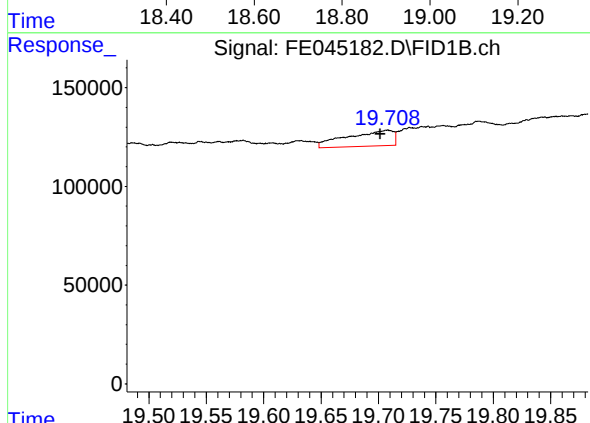
R.T.: 18.055 min
Delta R.T.: -0.027 min
Response: 236276
Conc: 1.59 ug/ml

Instrument :
FID_E
ClientSampleId :



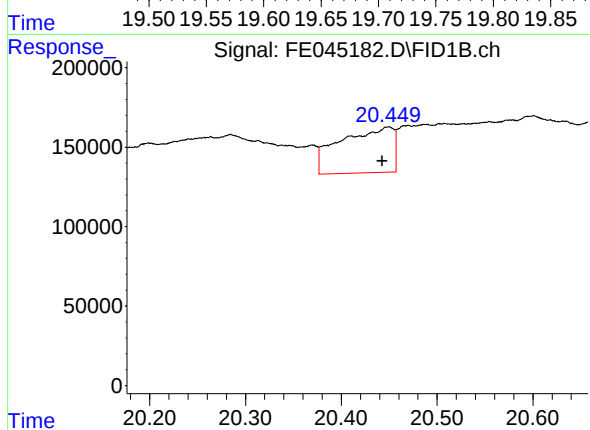
#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: -0.028 min
Response: 143510
Conc: 0.96 ug/ml



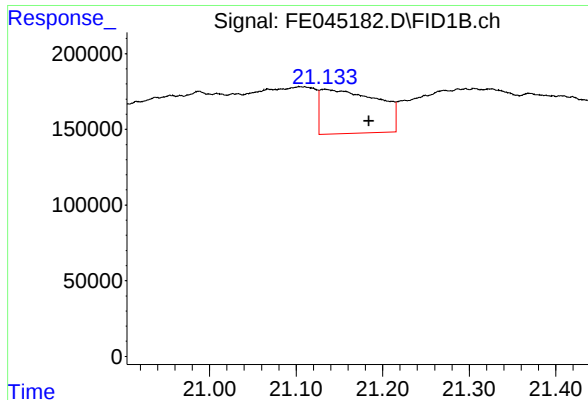
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: 0.007 min
Response: 221095
Conc: 1.49 ug/ml



#20 n-Hexatriacontane (C36)

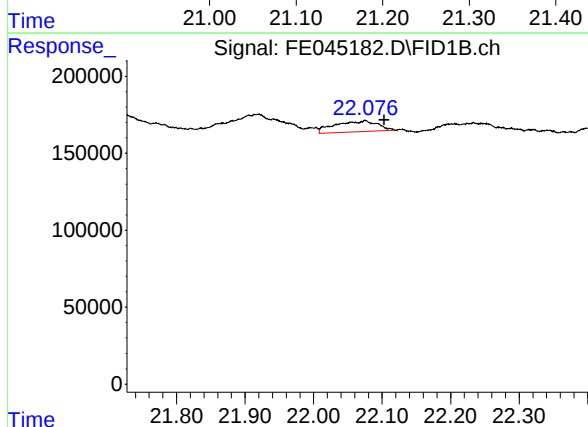
R.T.: 20.450 min
Delta R.T.: 0.007 min
Response: 1104065
Conc: 7.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.133 min
Delta R.T.: -0.051 min
Response: 1342355
Conc: 8.59 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.075 min
Delta R.T.: -0.028 min
Response: 308351
Conc: 1.85 ug/ml