

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040425AL\
 Data File : FE053200.D
 Signal(s) : FID1B.ch
 Acq On : 04 Apr 2025 18:45
 Operator : YP\AJ
 Sample : Q1712-05DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 04 23:57:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 2025
 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)	11.889	549302	3.372 ug/ml
Spiked Amount 50.000		Recovery =	6.74%
12) S 1-chlorooctadecane (S...	13.335	466826	3.889 ug/ml
Spiked Amount 50.000		Recovery =	7.78%
Target Compounds			
10) T n-Eicosane (C20)	12.948f	268597	1.884 ug/ml
14) T n-Tetracosane (C24)	15.175	164881	1.221 ug/ml
15) T n-Hexacosane (C26)	16.220	161410	1.210 ug/ml
16) T n-Octacosane (C28)	17.182	111483	0.845 ug/ml
17) T n-Tricontane (C30)	18.060	101519	0.749 ug/ml
18) T n-Dotriacontane (C32)	18.897	118892	0.884 ug/ml
19) T n-Tetratriacontane (C34)	19.684	1630428	12.600 ug/ml
20) T n-Hexatriacontane (C36)	20.421	81986	0.690 ug/ml

(f)=RT Delta > 1/2 Window

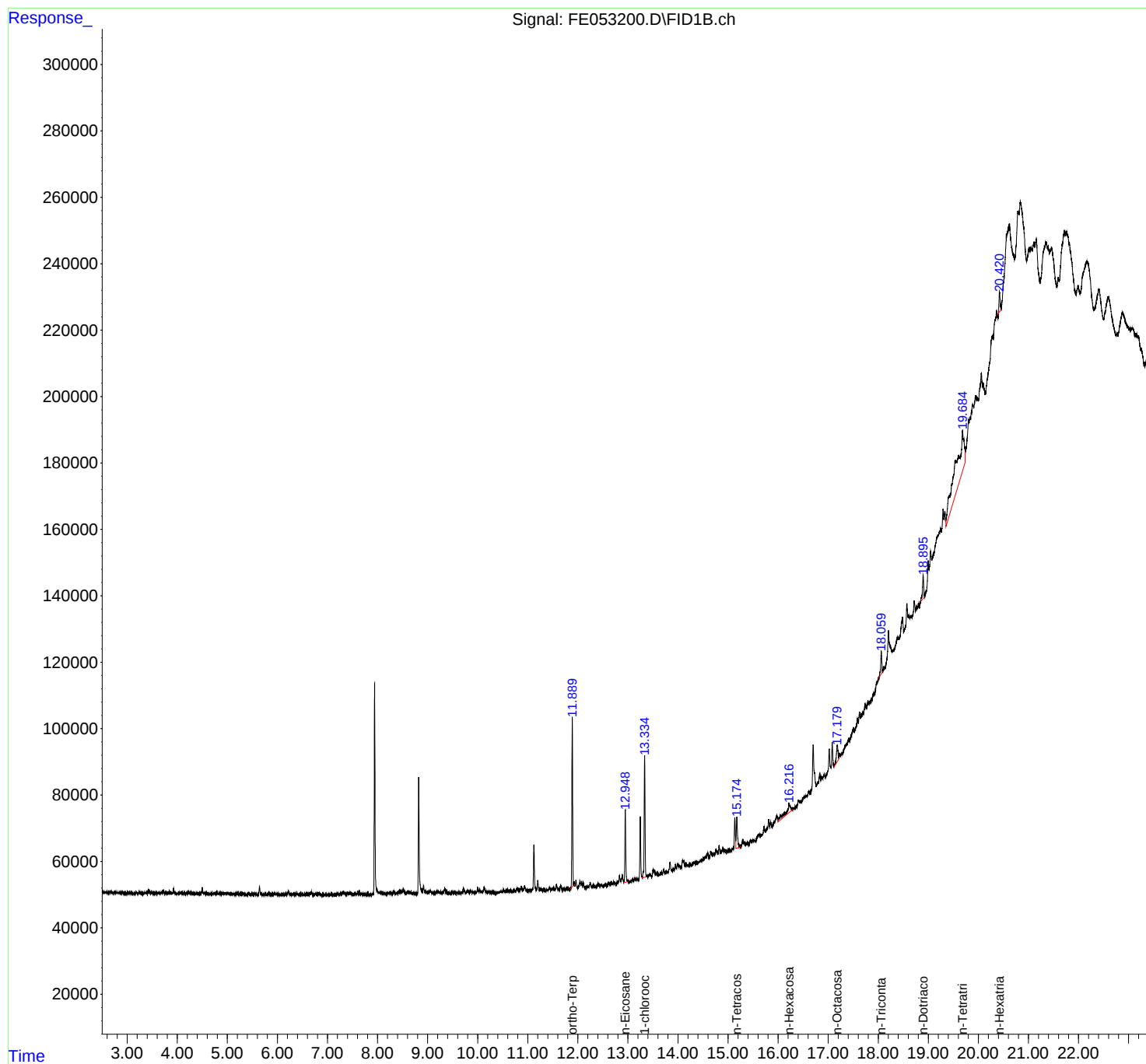
(m)=manual int.

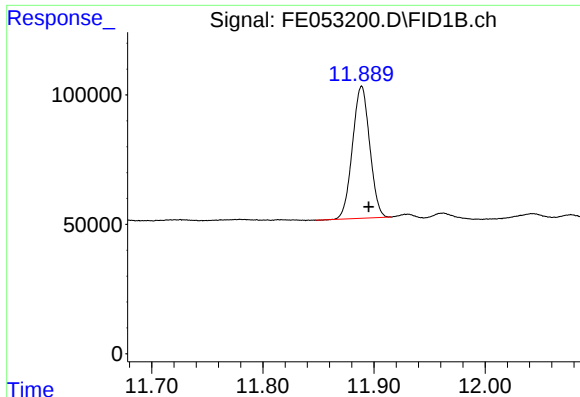
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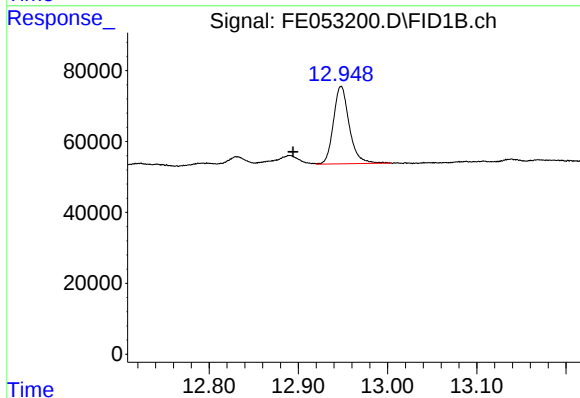




#9 ortho-Terphenyl (SURR)

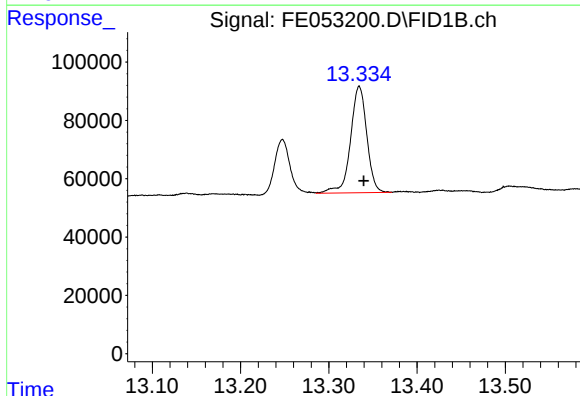
R.T.: 11.889 min
Delta R.T.: -0.006 min
Response: 549302
Conc: 3.37 ug/ml

Instrument :
FID_E
ClientSampleId :



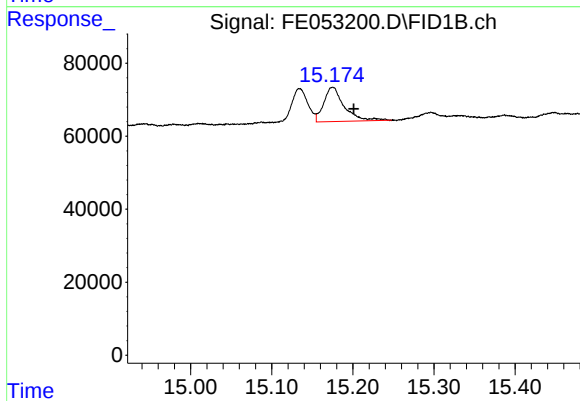
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: 0.054 min
Response: 268597
Conc: 1.88 ug/ml



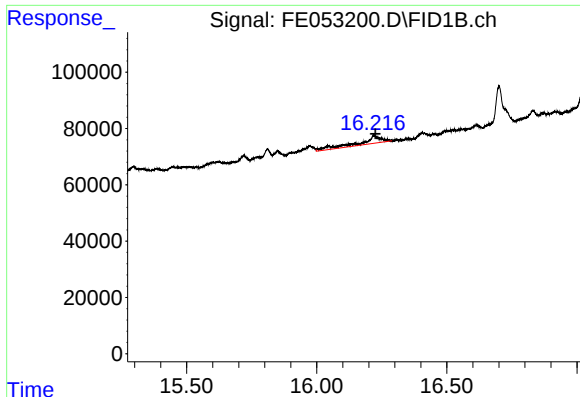
#12 1-chlorooctadecane (SURR)

R.T.: 13.335 min
Delta R.T.: -0.005 min
Response: 466826
Conc: 3.89 ug/ml



#14 n-Tetracosane (C24)

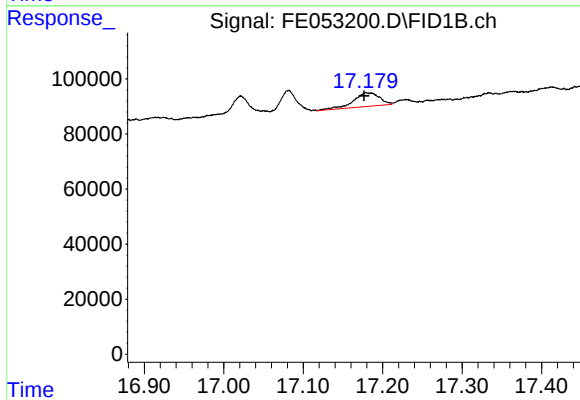
R.T.: 15.175 min
Delta R.T.: -0.026 min
Response: 164881
Conc: 1.22 ug/ml



#15 n-Hexacosane (C26)

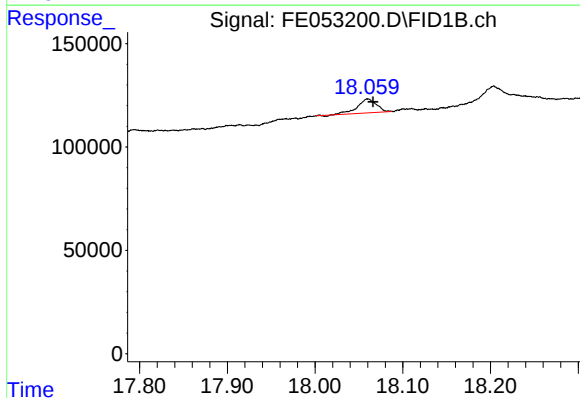
R.T.: 16.220 min
Delta R.T.: -0.006 min
Response: 161410
Conc: 1.21 ug/ml

Instrument :
FID_E
ClientSampleId :



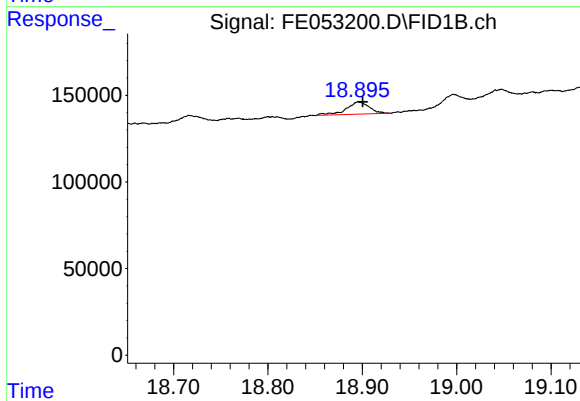
#16 n-Octacosane (C28)

R.T.: 17.182 min
Delta R.T.: 0.005 min
Response: 111483
Conc: 0.84 ug/ml



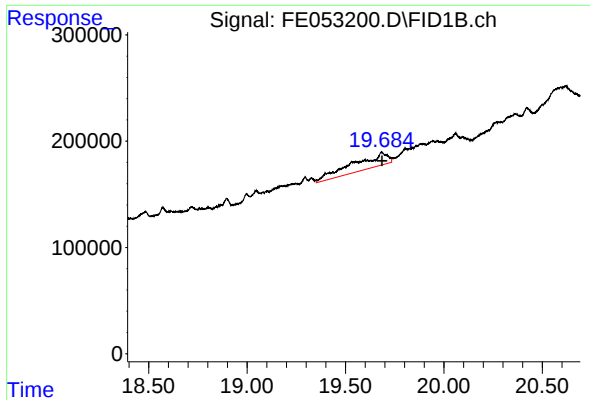
#17 n-Tricontane (C30)

R.T.: 18.060 min
Delta R.T.: -0.006 min
Response: 101519
Conc: 0.75 ug/ml



#18 n-Dotriacontane (C32)

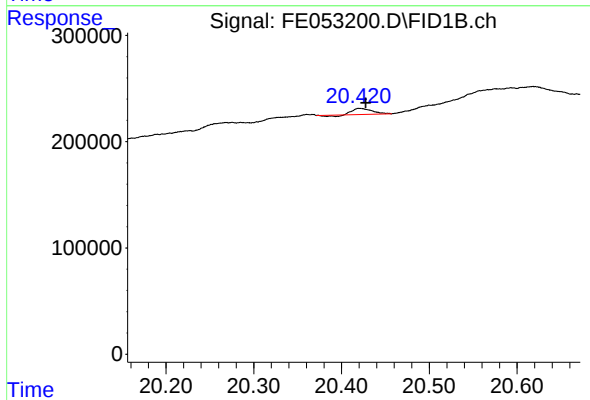
R.T.: 18.897 min
Delta R.T.: -0.004 min
Response: 118892
Conc: 0.88 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.684 min
Delta R.T.: -0.002 min
Response: 1630428
Conc: 12.60 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.421 min
Delta R.T.: -0.006 min
Response: 81986
Conc: 0.69 ug/ml