

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062524AL\
 Data File : FE048886.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2024 17:27
 Operator : YP\AJ
 Sample : P3047-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 26 01:31:00 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)	11.937	4545793	27.186 ug/ml
Spiked Amount 50.000		Recovery =	54.37%
12) S 1-chlorooctadecane (S...	13.372	3906786	30.382 ug/ml
Spiked Amount 50.000		Recovery =	60.76%
Target Compounds			
10) T n-Eicosane (C20)	12.874	40064	0.258 ug/ml
13) T n-Docosane (C22)	14.155	43285	0.286 ug/ml
14) T n-Tetracosane (C24)	15.208	228736	1.522 ug/ml
16) T n-Octacosane (C28)	17.213	131885	0.914 ug/ml
17) T n-Tricontane (C30)	18.084	186328	1.274 ug/ml
18) T n-Dotriacontane (C32)	18.911	154082	1.078 ug/ml
19) T n-Tetratriacontane (C34)	19.690	89339	0.646 ug/ml
20) T n-Hexatriacontane (C36)	20.376f	198641	1.528 ug/ml
22) T n-Tetracontane (C40)	22.100	631749	5.159 ug/ml

(f)=RT Delta > 1/2 Window

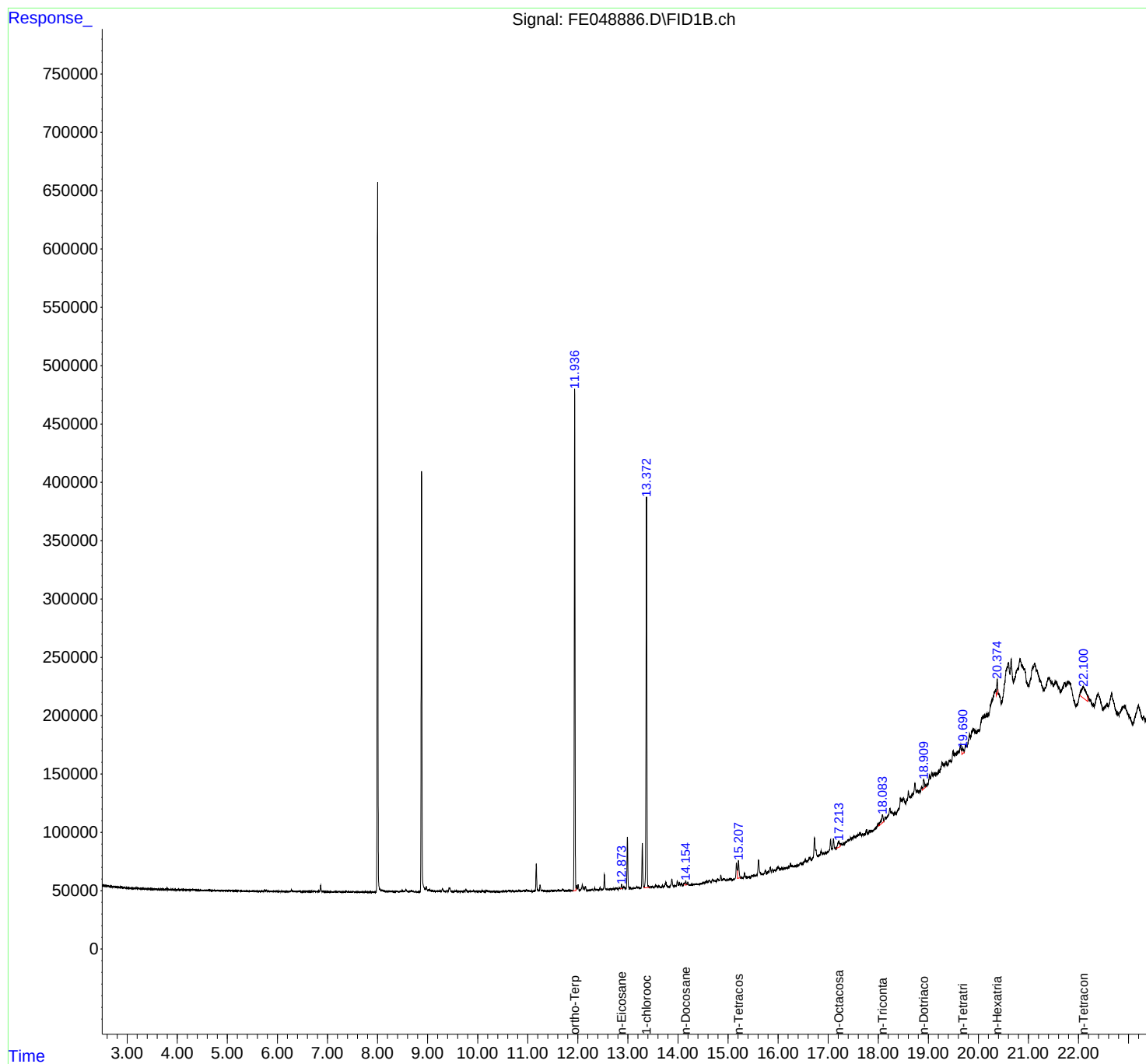
(m)=manual int.

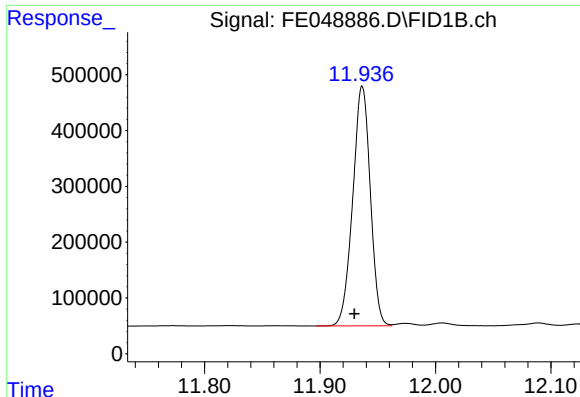
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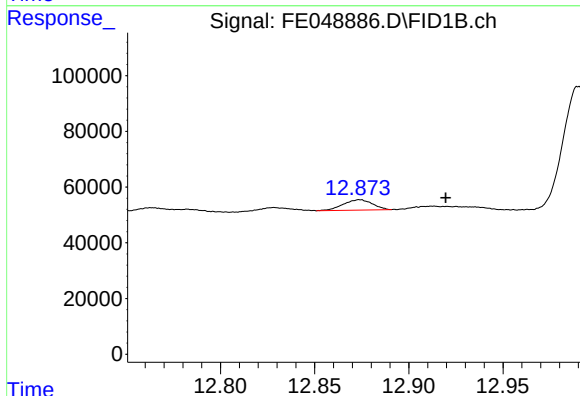




#9 ortho-Terphenyl (SURR)

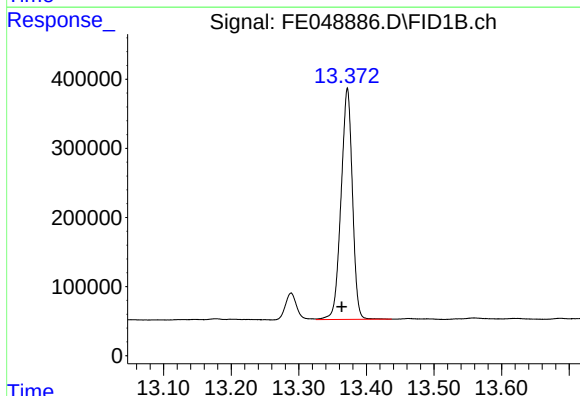
R.T.: 11.937 min
Delta R.T.: 0.007 min
Response: 4545793
Conc: 27.19 ug/ml

Instrument :
FID_E
ClientSampleId :



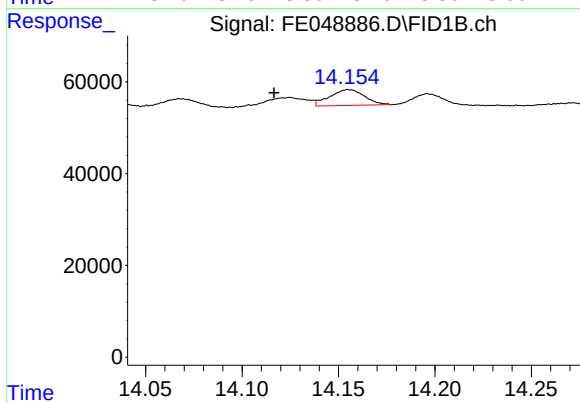
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: -0.046 min
Response: 40064
Conc: 0.26 ug/ml



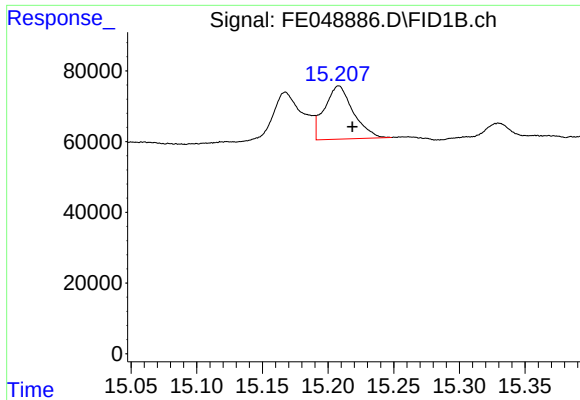
#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: 0.008 min
Response: 3906786
Conc: 30.38 ug/ml



#13 n-Docosane (C22)

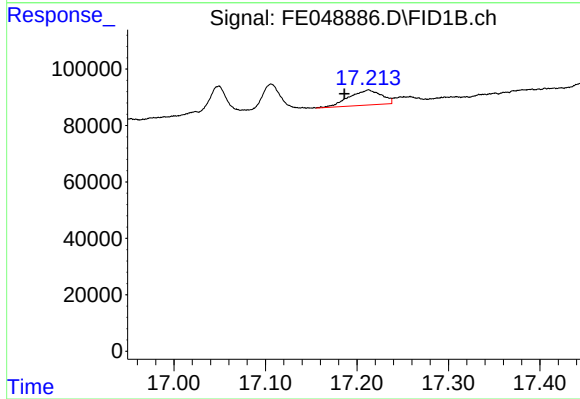
R.T.: 14.155 min
Delta R.T.: 0.039 min
Response: 43285
Conc: 0.29 ug/ml



#14 n-Tetracosane (C24)

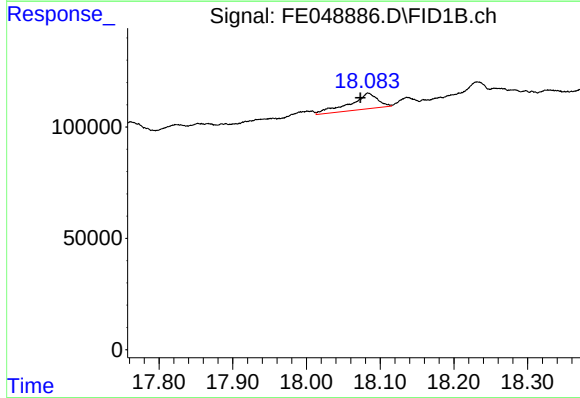
R.T.: 15.208 min
Delta R.T.: -0.010 min
Response: 228736
Conc: 1.52 ug/ml

Instrument :
FID_E
ClientSampleId :



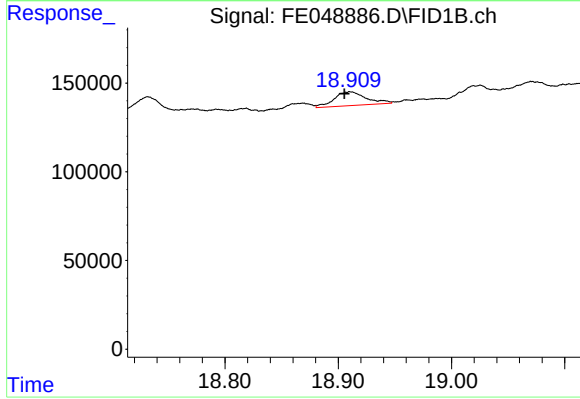
#16 n-Octacosane (C28)

R.T.: 17.213 min
Delta R.T.: 0.026 min
Response: 131885
Conc: 0.91 ug/ml



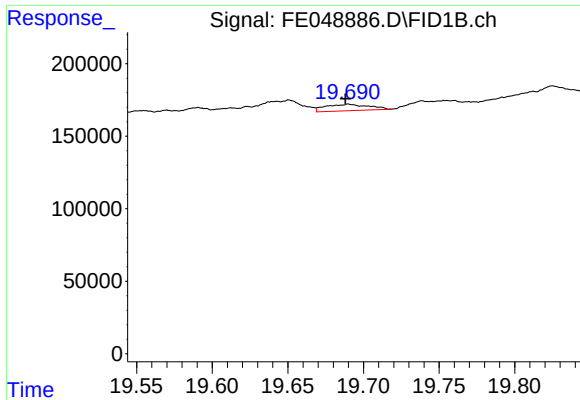
#17 n-Tricontane (C30)

R.T.: 18.084 min
Delta R.T.: 0.011 min
Response: 186328
Conc: 1.27 ug/ml



#18 n-Dotriacontane (C32)

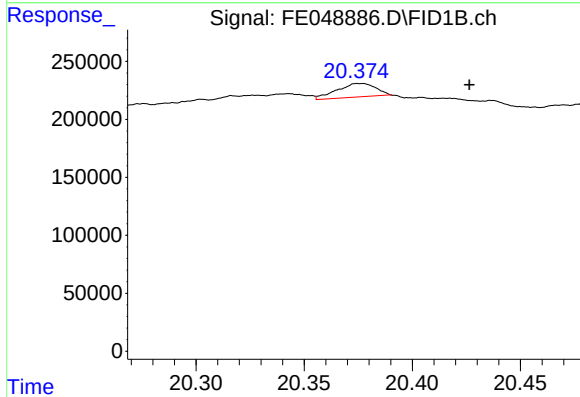
R.T.: 18.911 min
Delta R.T.: 0.005 min
Response: 154082
Conc: 1.08 ug/ml



#19 n-Tetratriacontane (C34)

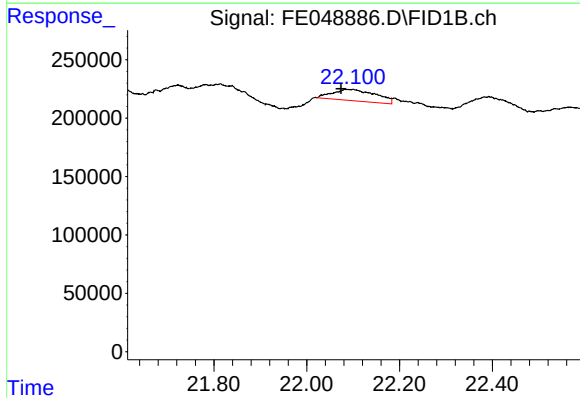
R.T.: 19.690 min
Delta R.T.: 0.002 min
Response: 89339
Conc: 0.65 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: -0.051 min
Response: 198641
Conc: 1.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.100 min
Delta R.T.: 0.026 min
Response: 631749
Conc: 5.16 ug/ml