

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060425AL\
 Data File : FE054181.D
 Signal(s) : FID1B.ch
 Acq On : 04 Jun 2025 20:55
 Operator : YP\AJ
 Sample : Q2199-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-11978

Integration File: autoint1.e
 Quant Time: Jun 05 06:28:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.843	12606396	77.572 ug/ml
Spiked Amount 50.000		Recovery =	155.14%
12) S 1-chlorooctadecane (S...	13.288	9947714	83.912 ug/ml
Spiked Amount 50.000		Recovery =	167.82%
Target Compounds			
7) T n-Hexadecane (C16)	10.077	31687	0.235 ug/ml
10) T n-Eicosane (C20)	12.836	34230	0.260 ug/ml
11) T n-Heneicosane (C21)	13.450	9865	0.076 ug/ml
13) T n-Docosane (C22)	14.038	15415	0.121 ug/ml
14) T n-Tetracosane (C24)	15.140	81967	0.655 ug/ml
15) T n-Hexacosane (C26)	16.168	22514	0.184 ug/ml
16) T n-Octacosane (C28)	17.123	31383	0.258 ug/ml
17) T n-Tricontane (C30)	18.002	191776	1.540 ug/ml
18) T n-Dotriacontane (C32)	18.838	132127	1.057 ug/ml
19) T n-Tetratriacontane (C34)	19.692f	142166	1.193 ug/ml
20) T n-Hexatriacontane (C36)	20.432f	40728	0.352 ug/ml
21) T n-Octatriacontane (C38)	21.114	64222	0.590 ug/ml

(f)=RT Delta > 1/2 Window

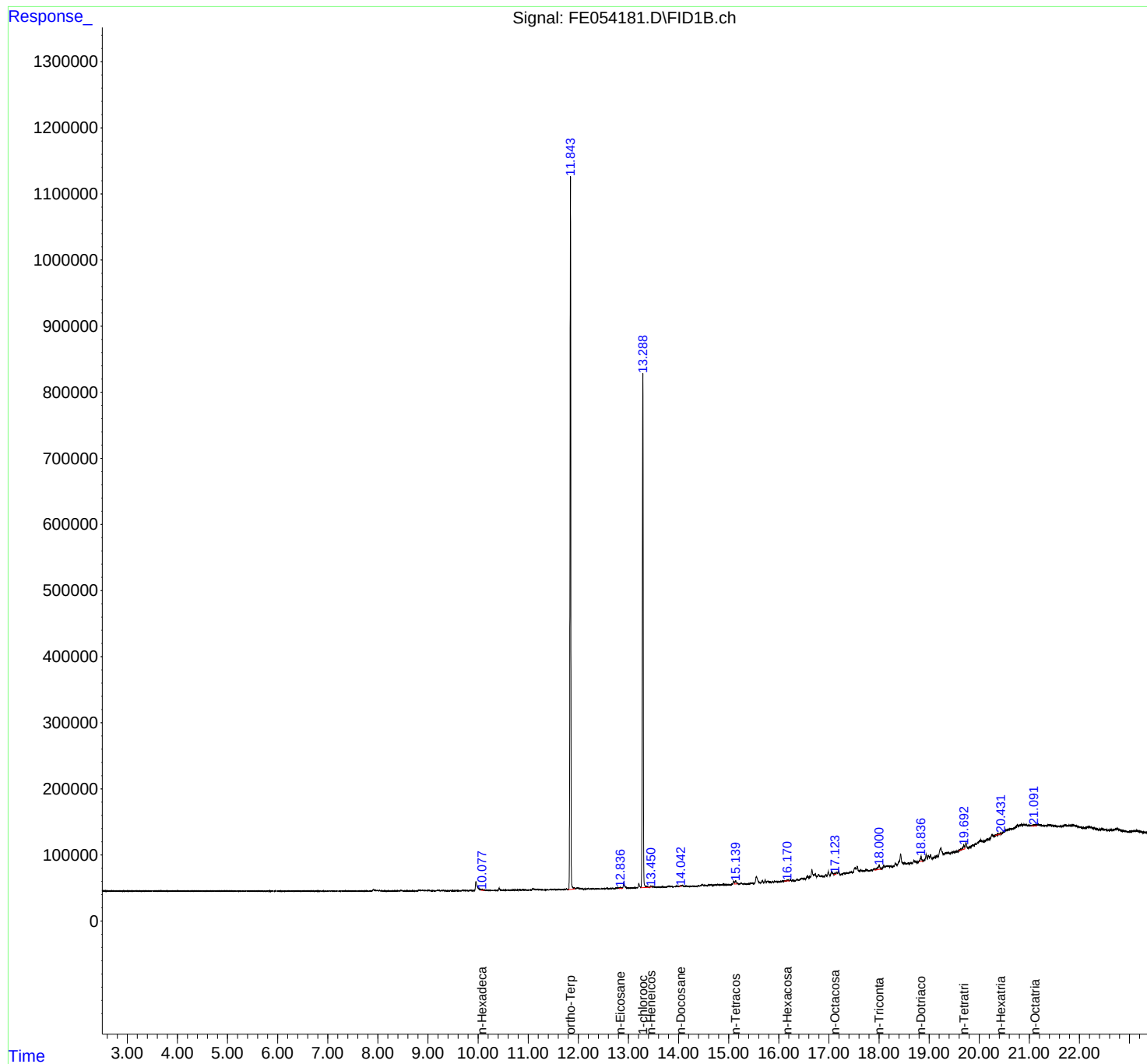
(m)=manual int.

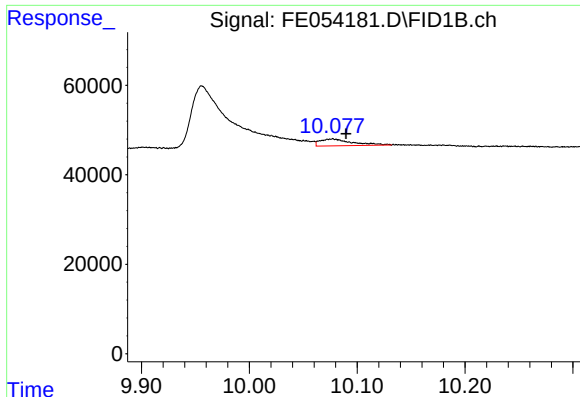
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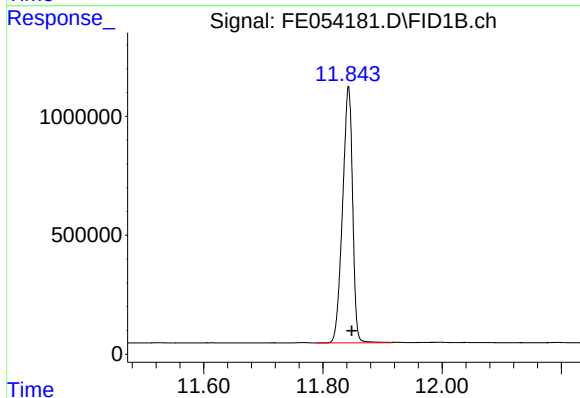




#7 n-Hexadecane (C16)

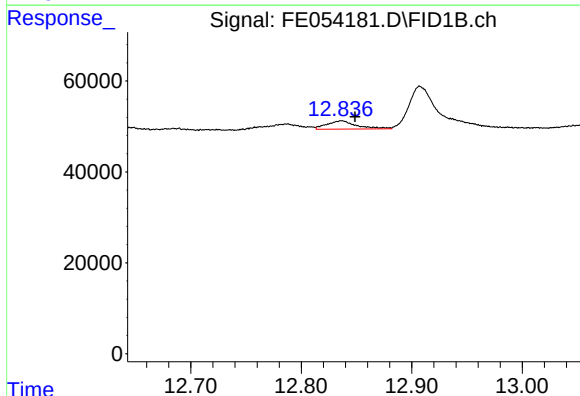
R.T.: 10.077 min
Delta R.T.: -0.013 min
Response: 31687
Conc: 0.23 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11978



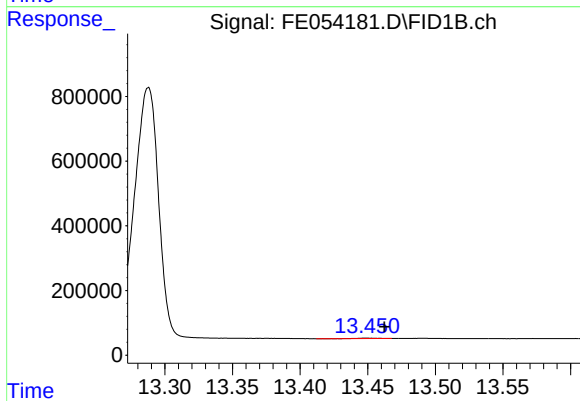
#9 ortho-Terphenyl (SURR)

R.T.: 11.843 min
Delta R.T.: -0.006 min
Response: 12606396
Conc: 77.57 ug/ml



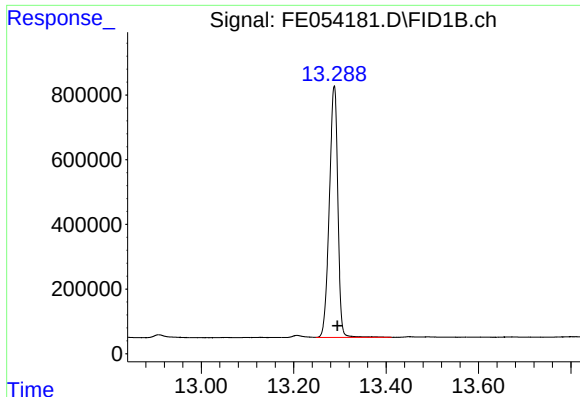
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.012 min
Response: 34230
Conc: 0.26 ug/ml



#11 n-Heneicosane (C21)

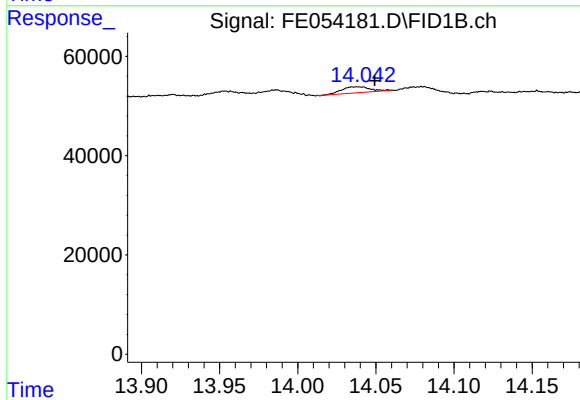
R.T.: 13.450 min
Delta R.T.: -0.012 min
Response: 9865
Conc: 0.08 ug/ml



#12 1-chlorooctadecane (SURR)

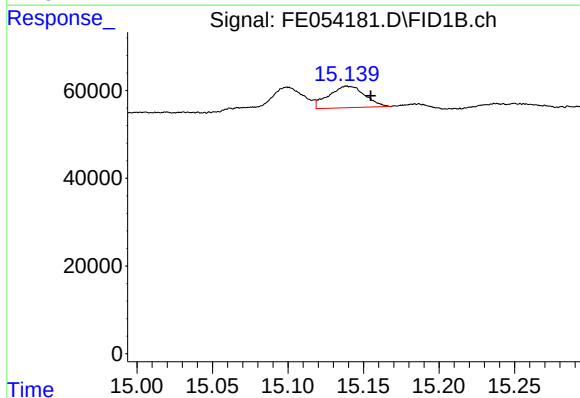
R.T.: 13.288 min
Delta R.T.: -0.007 min
Response: 9947714
Conc: 83.91 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11978



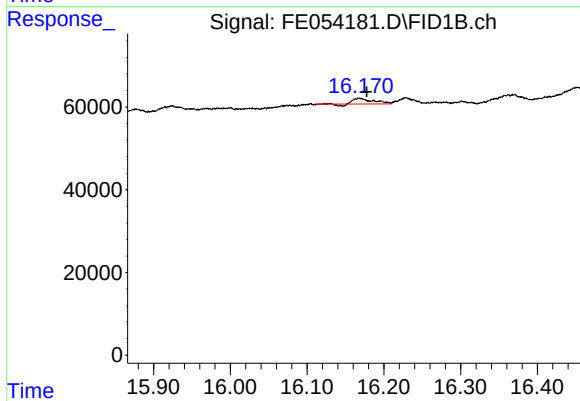
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.011 min
Response: 15415
Conc: 0.12 ug/ml



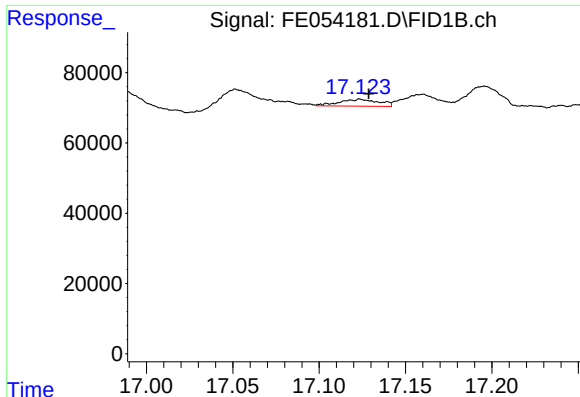
#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.015 min
Response: 81967
Conc: 0.66 ug/ml



#15 n-Hexacosane (C26)

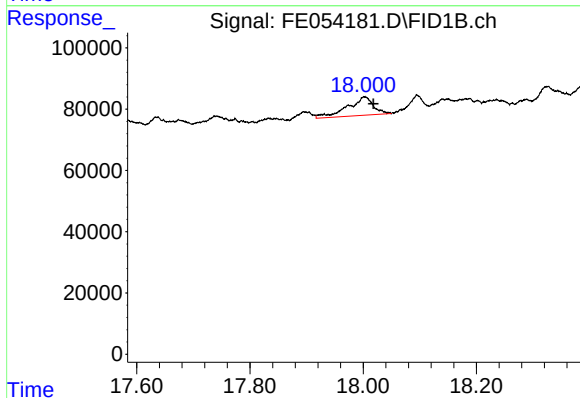
R.T.: 16.168 min
Delta R.T.: -0.010 min
Response: 22514
Conc: 0.18 ug/ml



#16 n-Octacosane (C28)

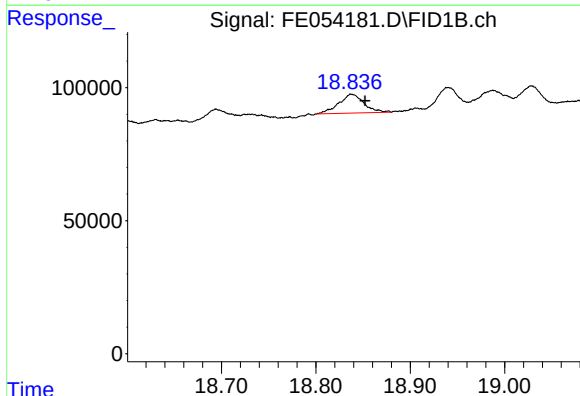
R.T.: 17.123 min
Delta R.T.: -0.005 min
Response: 31383
Conc: 0.26 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11978



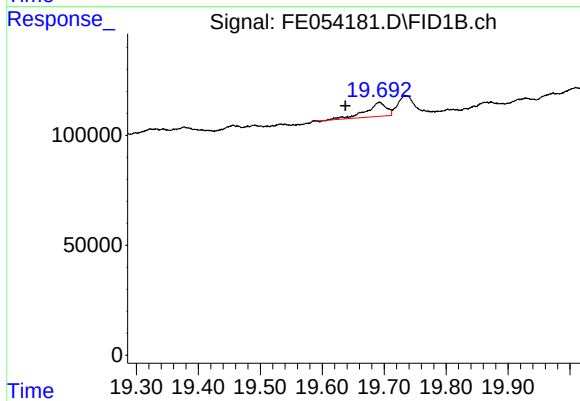
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.015 min
Response: 191776
Conc: 1.54 ug/ml



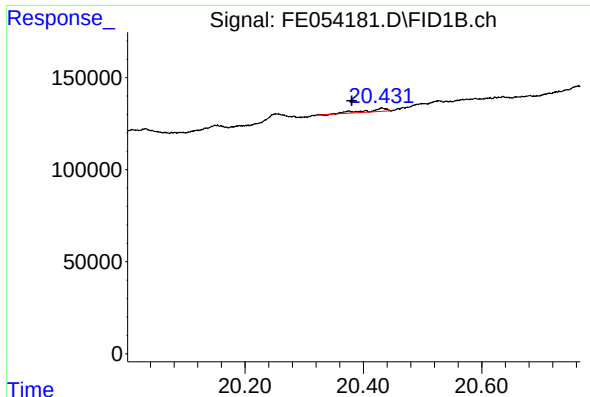
#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: -0.014 min
Response: 132127
Conc: 1.06 ug/ml



#19 n-Tetratriacontane (C34)

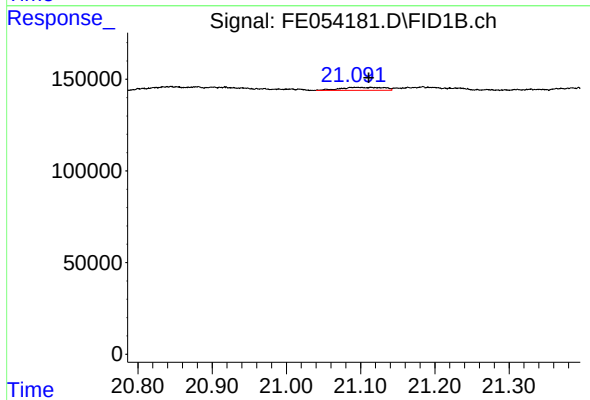
R.T.: 19.692 min
Delta R.T.: 0.055 min
Response: 142166
Conc: 1.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.432 min
Delta R.T.: 0.051 min
Response: 40728
Conc: 0.35 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11978



#21 n-Octatriacontane (C38)

R.T.: 21.114 min
Delta R.T.: 0.003 min
Response: 64222
Conc: 0.59 ug/ml