

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054328.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 08:38
 Operator : YP\AJ
 Sample : Q2278-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-2DL

Integration File: autoint1.e
 Quant Time: Jun 13 01:13:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.827	1180624	7.145 ug/ml
Spiked Amount 50.000		Recovery =	14.29%
12) S 1-chlorooctadecane (S...	13.273	882441	7.236 ug/ml
Spiked Amount 50.000		Recovery =	14.47%
Target Compounds			
8) T n-Octadecane (C18)	11.515	23350	0.173 ug/ml
10) T n-Eicosane (C20)	12.827	39596	0.296 ug/ml
11) T n-Heneicosane (C21)	13.441	15677	0.118 ug/ml
13) T n-Docosane (C22)	14.027	24901	0.190 ug/ml
14) T n-Tetracosane (C24)	15.134	95489	0.740 ug/ml
15) T n-Hexacosane (C26)	16.156	47718	0.380 ug/ml
16) T n-Octacosane (C28)	17.111	85199	0.695 ug/ml
17) T n-Tricontane (C30)	17.995	84244	0.680 ug/ml
18) T n-Dotriacontane (C32)	18.831	90700	0.722 ug/ml
19) T n-Tetratriacontane (C34)	19.621	127495	1.025 ug/ml
20) T n-Hexatriacontane (C36)	20.359	65929	0.512 ug/ml

(f)=RT Delta > 1/2 Window

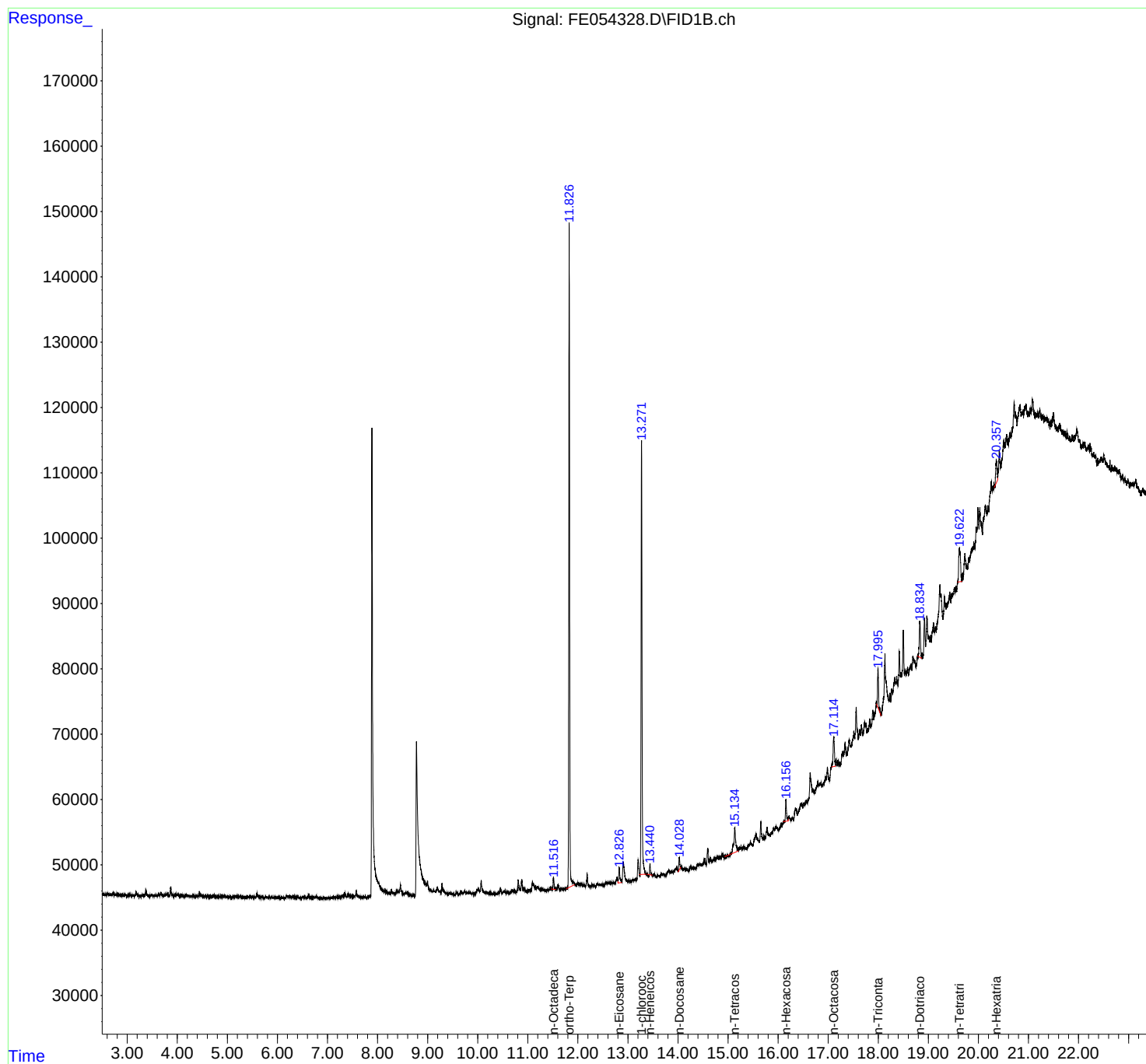
(m)=manual int.

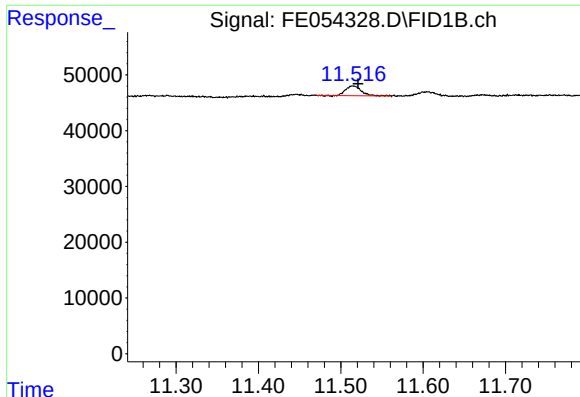
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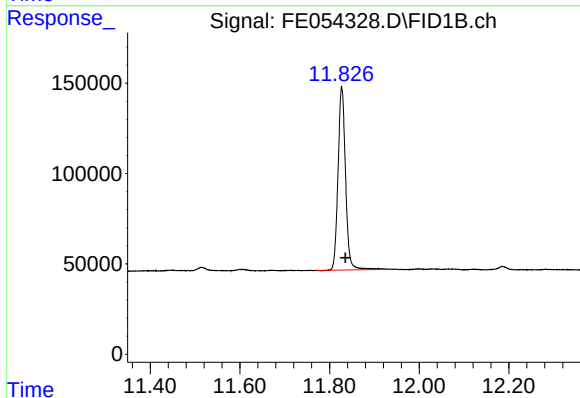




#8 n-Octadecane (C18)

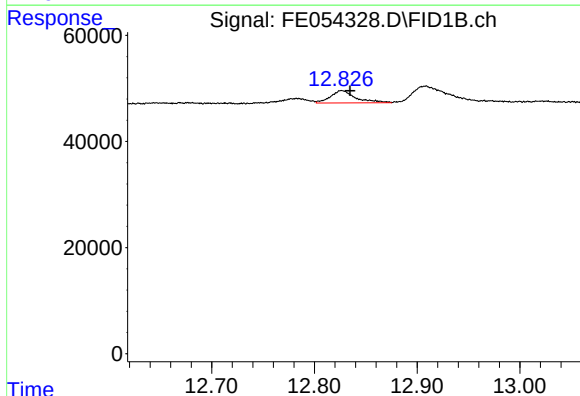
R.T.: 11.515 min
Delta R.T.: -0.006 min
Response: 23350
Conc: 0.17 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2DL



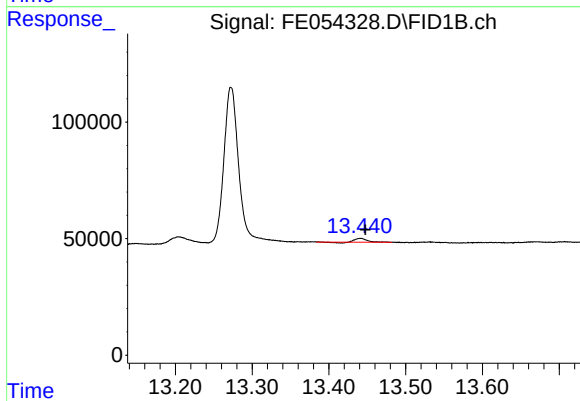
#9 ortho-Terphenyl (SURR)

R.T.: 11.827 min
Delta R.T.: -0.008 min
Response: 1180624
Conc: 7.15 ug/ml



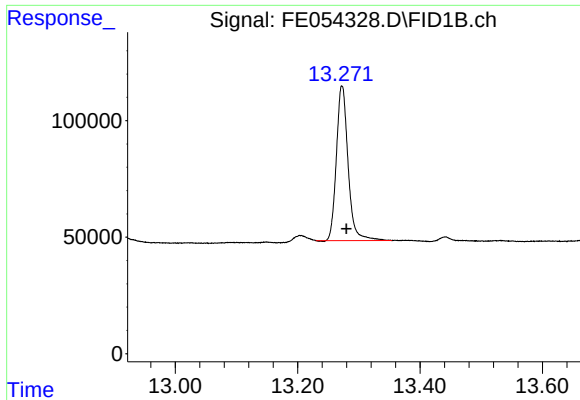
#10 n-Eicosane (C20)

R.T.: 12.827 min
Delta R.T.: -0.008 min
Response: 39596
Conc: 0.30 ug/ml



#11 n-Heneicosane (C21)

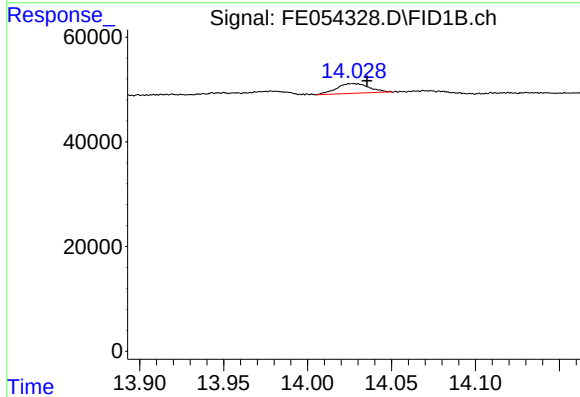
R.T.: 13.441 min
Delta R.T.: -0.007 min
Response: 15677
Conc: 0.12 ug/ml



#12 1-chlorooctadecane (SURR)

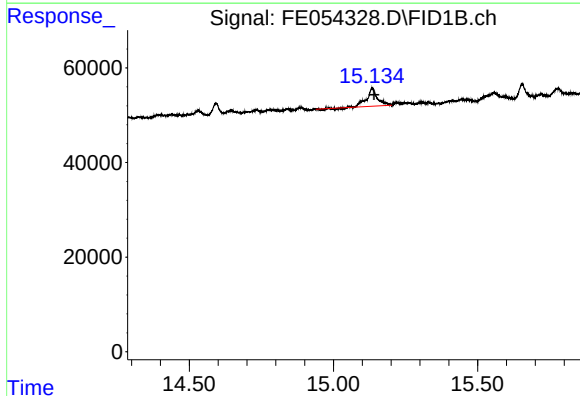
R.T.: 13.273 min
Delta R.T.: -0.007 min
Response: 882441
Conc: 7.24 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2DL



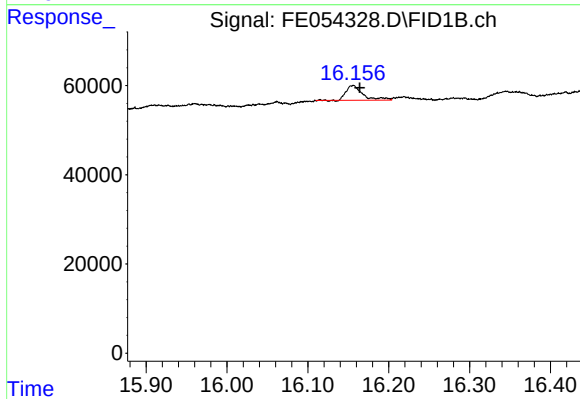
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.008 min
Response: 24901
Conc: 0.19 ug/ml



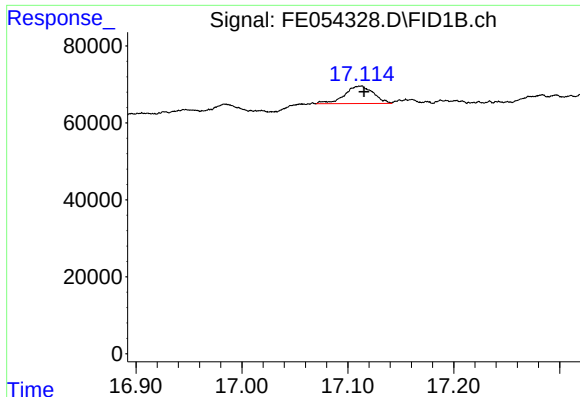
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.007 min
Response: 95489
Conc: 0.74 ug/ml



#15 n-Hexacosane (C26)

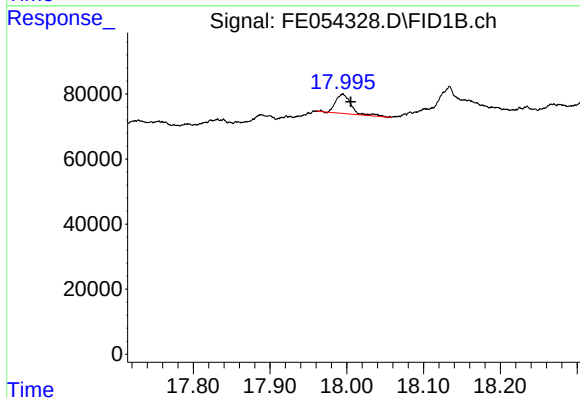
R.T.: 16.156 min
Delta R.T.: -0.008 min
Response: 47718
Conc: 0.38 ug/ml



#16 n-Octacosane (C28)

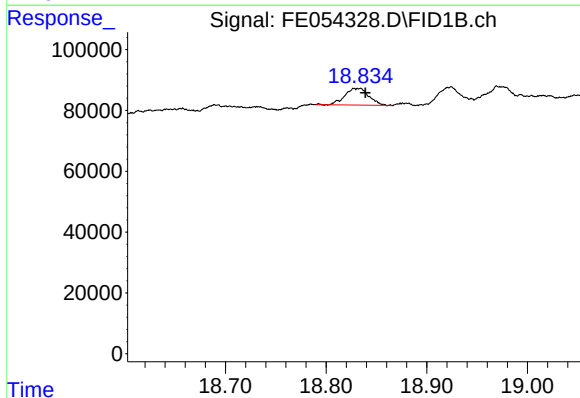
R.T.: 17.111 min
Delta R.T.: -0.004 min
Response: 85199
Conc: 0.69 ug/ml

Instrument :
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ClientSampleId :
TP-2DL



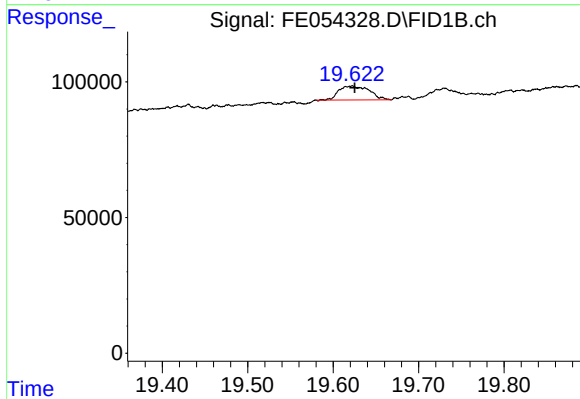
#17 n-Tricontane (C30)

R.T.: 17.995 min
Delta R.T.: -0.011 min
Response: 84244
Conc: 0.68 ug/ml



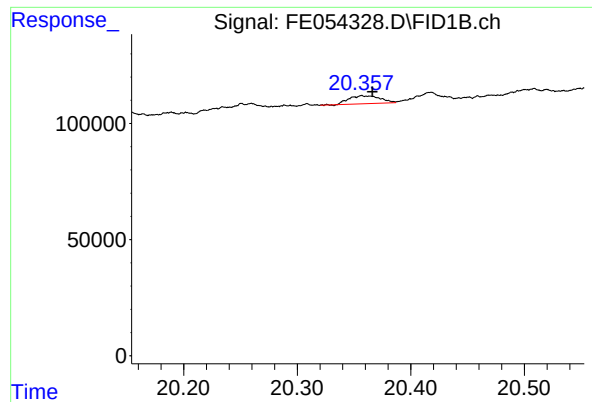
#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.008 min
Response: 90700
Conc: 0.72 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.621 min
Delta R.T.: -0.004 min
Response: 127495
Conc: 1.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.359 min
Delta R.T.: -0.007 min
Response: 65929
Conc: 0.51 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-2DL