

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062325AL\
 Data File : FE054539.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jun 2025 14:52
 Operator : YP\AJ
 Sample : Q2380-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-11948

Integration File: autoint1.e
 Quant Time: Jun 24 03:07:03 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)	11.833	8495050	51.412 ug/ml
Spiked Amount 50.000		Recovery =	102.82%
12) S 1-chlorooctadecane (S...	13.278	5996908	49.176 ug/ml
Spiked Amount 50.000		Recovery =	98.35%
Target Compounds			
6) T n-Tetradecane (C14)	8.447	53854	0.416 ug/ml
8) T n-Octadecane (C18)	11.530	37775	0.280 ug/ml
10) T n-Eicosane (C20)	12.835	589388	4.406 ug/ml
11) T n-Heneicosane (C21)	13.443	168232	1.265 ug/ml
13) T n-Docosane (C22)	14.026	298947	2.280 ug/ml
14) T n-Tetracosane (C24)	15.132	249318	1.933 ug/ml
15) T n-Hexacosane (C26)	16.156	40020	0.319 ug/ml
16) T n-Octacosane (C28)	17.108	32172	0.262 ug/ml
17) T n-Tricontane (C30)	17.995	60507	0.488 ug/ml
18) T n-Dotriacontane (C32)	18.829	163356	1.300 ug/ml
19) T n-Tetratriacontane (C34)	19.624	54502	0.438 ug/ml
20) T n-Hexatriacontane (C36)	20.356	27818	0.216 ug/ml

(f)=RT Delta > 1/2 Window

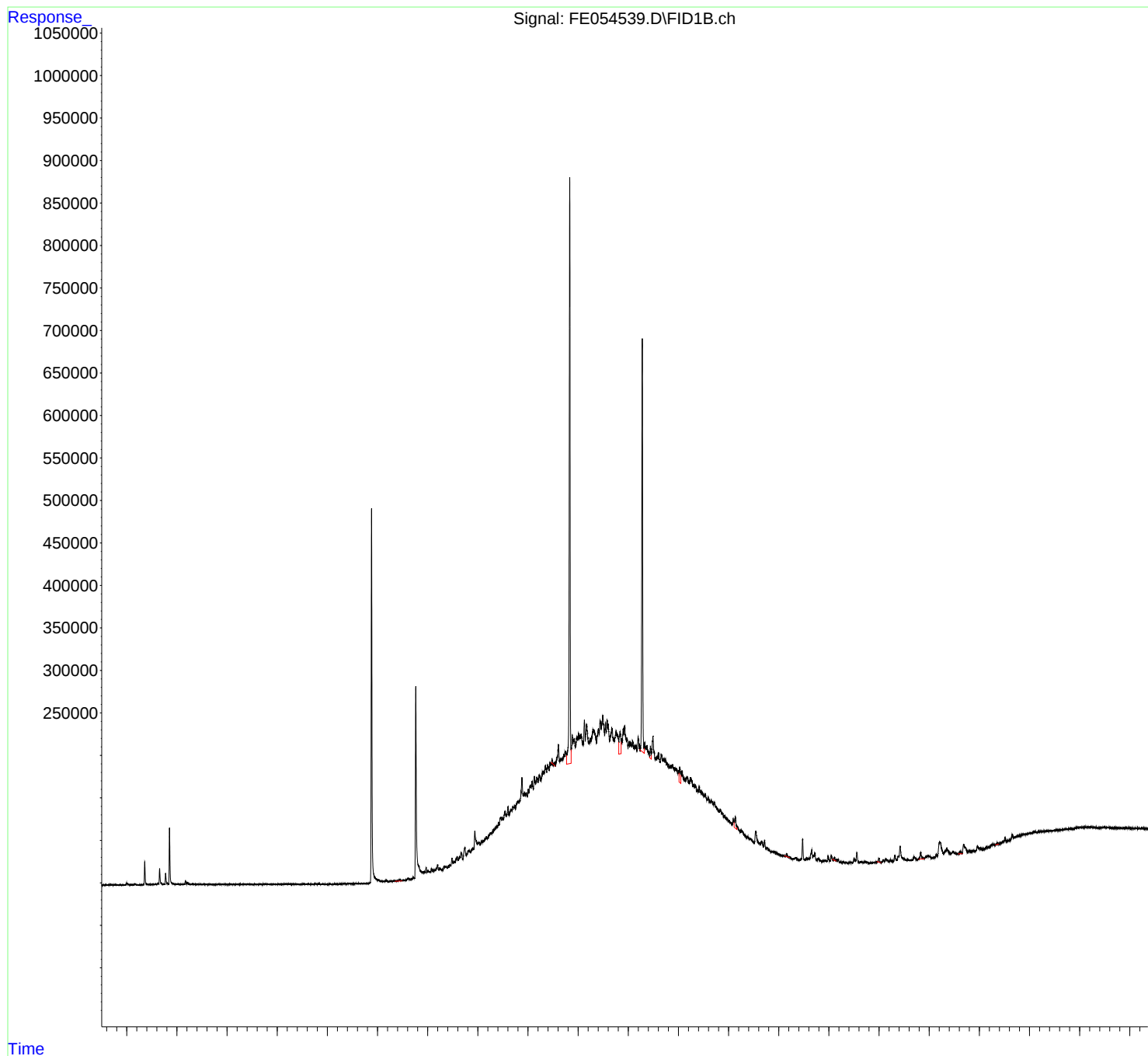
(m)=manual int.

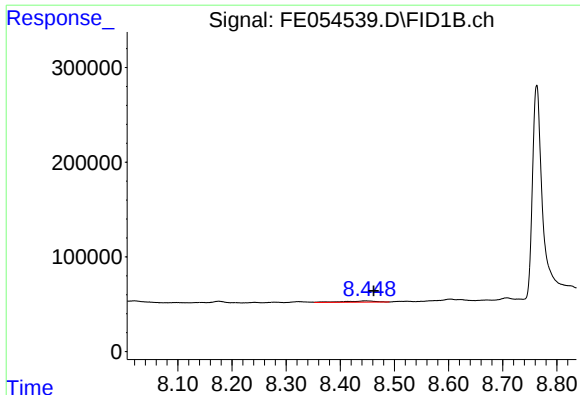
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Volume Inj. : 1 u1
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

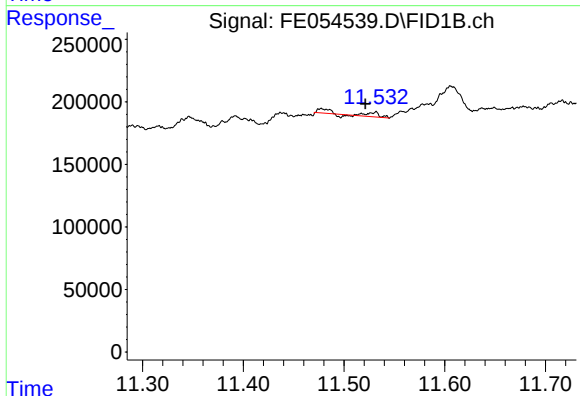




#6 n-Tetradecane (C14)

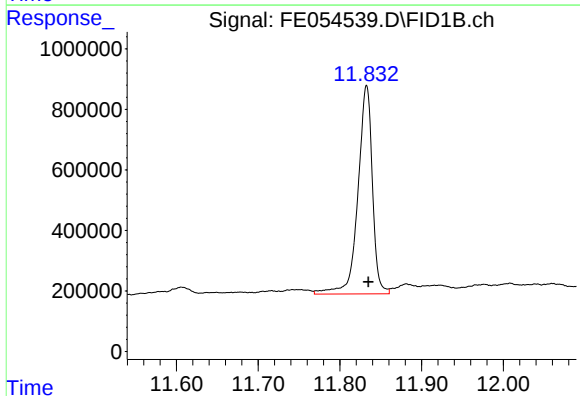
R.T.: 8.447 min
Delta R.T.: -0.014 min
Response: 53854
Conc: 0.42 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11948



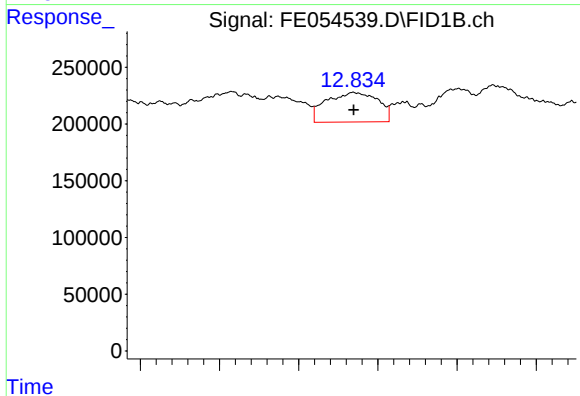
#8 n-Octadecane (C18)

R.T.: 11.530 min
Delta R.T.: 0.008 min
Response: 37775
Conc: 0.28 ug/ml



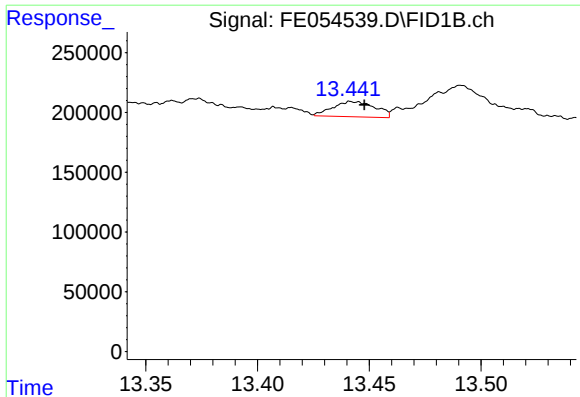
#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.002 min
Response: 8495050
Conc: 51.41 ug/ml



#10 n-Eicosane (C20)

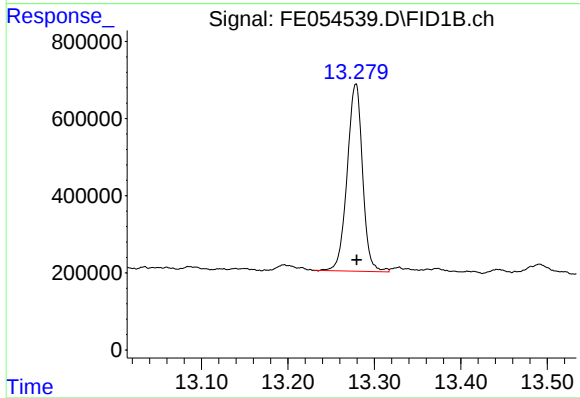
R.T.: 12.835 min
Delta R.T.: 0.000 min
Response: 589388
Conc: 4.41 ug/ml



#11 n-Heneicosane (C21)

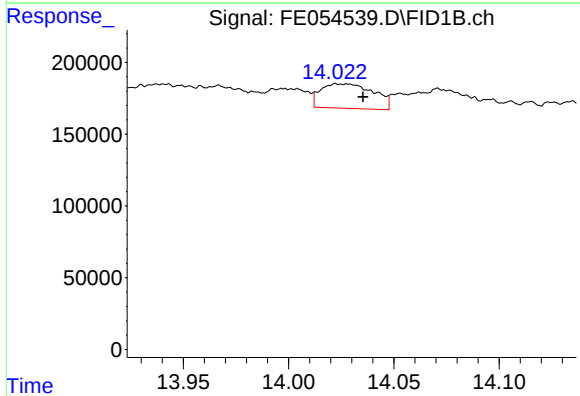
R.T.: 13.443 min
Delta R.T.: -0.005 min
Response: 168232
Conc: 1.27 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11948



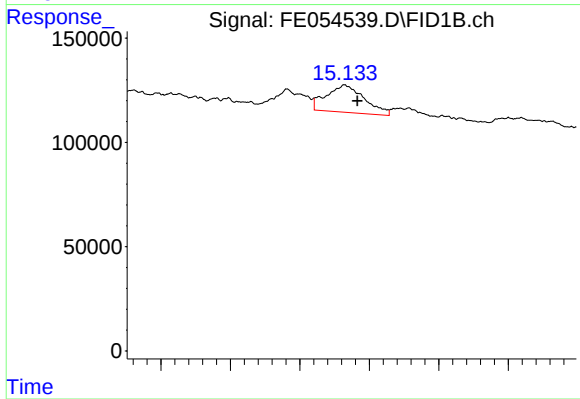
#12 1-chlorooctadecane (SURR)

R.T.: 13.278 min
Delta R.T.: -0.001 min
Response: 5996908
Conc: 49.18 ug/ml



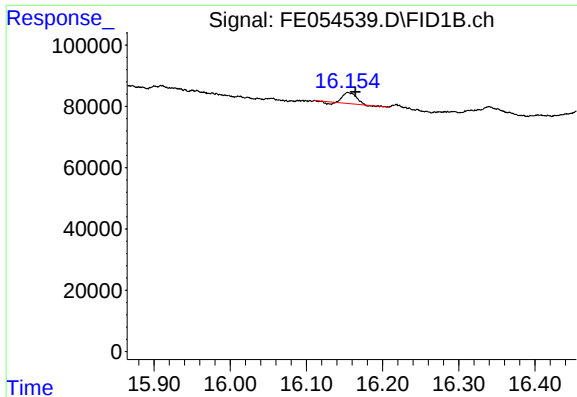
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.010 min
Response: 298947
Conc: 2.28 ug/ml



#14 n-Tetracosane (C24)

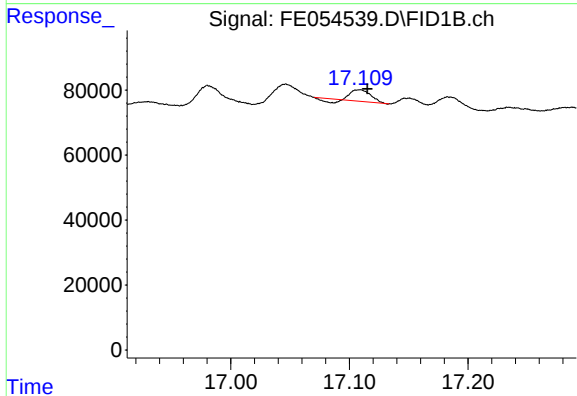
R.T.: 15.132 min
Delta R.T.: -0.009 min
Response: 249318
Conc: 1.93 ug/ml



#15 n-Hexacosane (C26)

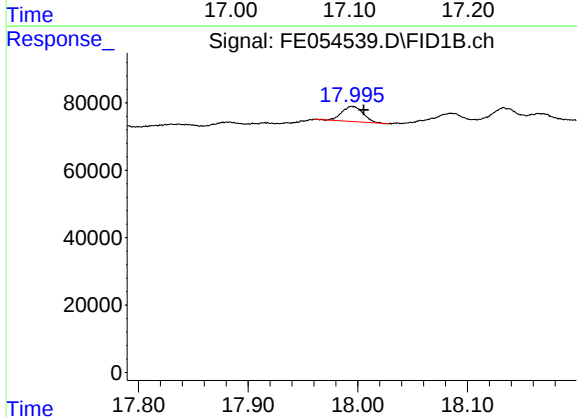
R.T.: 16.156 min
Delta R.T.: -0.009 min
Response: 40020
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11948



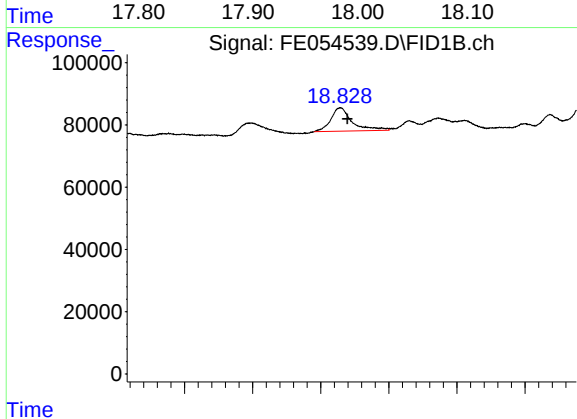
#16 n-Octacosane (C28)

R.T.: 17.108 min
Delta R.T.: -0.007 min
Response: 32172
Conc: 0.26 ug/ml



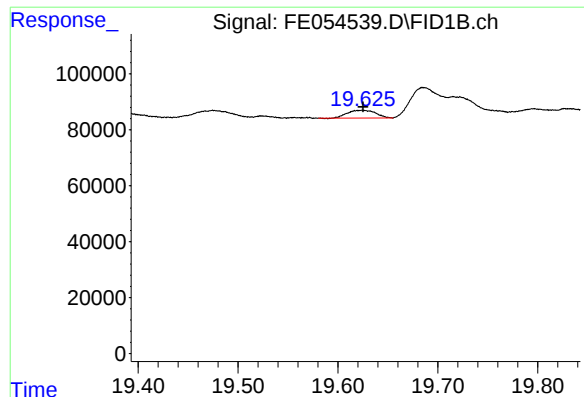
#17 n-Tricontane (C30)

R.T.: 17.995 min
Delta R.T.: -0.010 min
Response: 60507
Conc: 0.49 ug/ml



#18 n-Dotriacontane (C32)

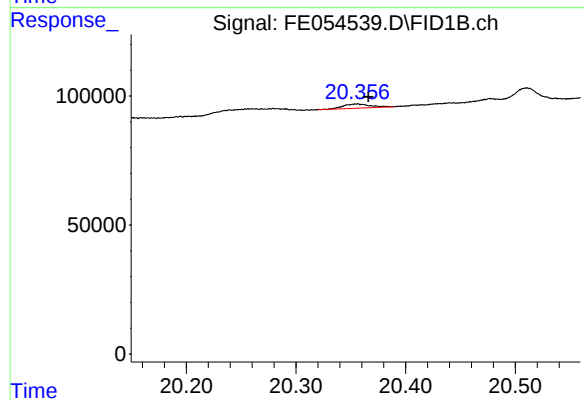
R.T.: 18.829 min
Delta R.T.: -0.010 min
Response: 163356
Conc: 1.30 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.624 min
Delta R.T.: -0.001 min
Response: 54502
Conc: 0.44 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11948



#20 n-Hexatriacontane (C36)

R.T.: 20.356 min
Delta R.T.: -0.010 min
Response: 27818
Conc: 0.22 ug/ml