

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061725AL\
 Data File : FE054452.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2025 19:02
 Operator : YP\AJ
 Sample : Q2337-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-02-061625-E2

Integration File: autoint1.e
 Quant Time: Jun 18 02:13:39 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)	11.824	4605122	27.870 ug/ml
Spiked Amount 50.000		Recovery =	55.74%
12) S 1-chlorooctadecane (S...	13.270	3814108	31.276 ug/ml
Spiked Amount 50.000		Recovery =	62.55%
Target Compounds			
8) T n-Octadecane (C18)	11.508	21276	0.158 ug/ml
10) T n-Eicosane (C20)	12.822	93795	0.701 ug/ml
11) T n-Heneicosane (C21)	13.435	35866	0.270 ug/ml
13) T n-Docosane (C22)	14.026	91692	0.699 ug/ml
14) T n-Tetracosane (C24)	15.120	996879	7.728 ug/ml
15) T n-Hexacosane (C26)	16.154	26806	0.214 ug/ml
16) T n-Octacosane (C28)	17.137	190801	1.556 ug/ml
17) T n-Tricontane (C30)	17.990	65358	0.527 ug/ml
18) T n-Dotriacontane (C32)	18.824	215914	1.718 ug/ml
19) T n-Tetratriacontane (C34)	19.624	94258	0.758 ug/ml
20) T n-Hexatriacontane (C36)	20.352	54343	0.422 ug/ml
21) T n-Octatriacontane (C38)	21.101	87143	0.660 ug/ml

(f)=RT Delta > 1/2 Window

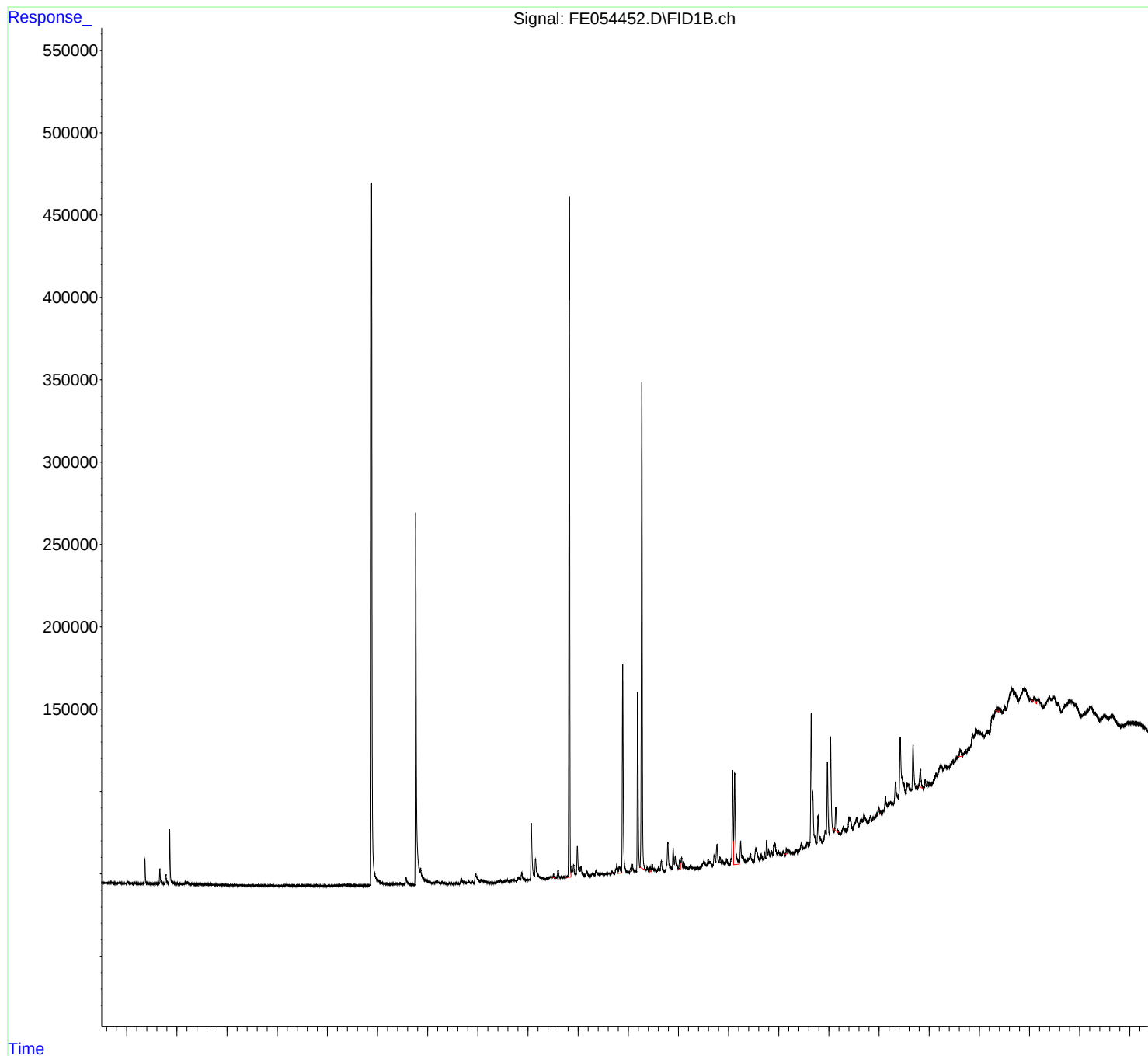
(m)=manual int.

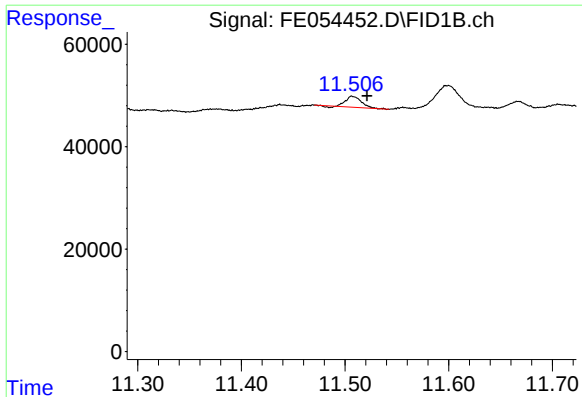
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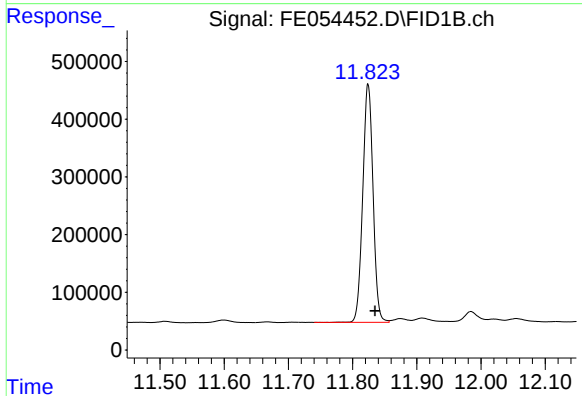




#8 n-Octadecane (C18)

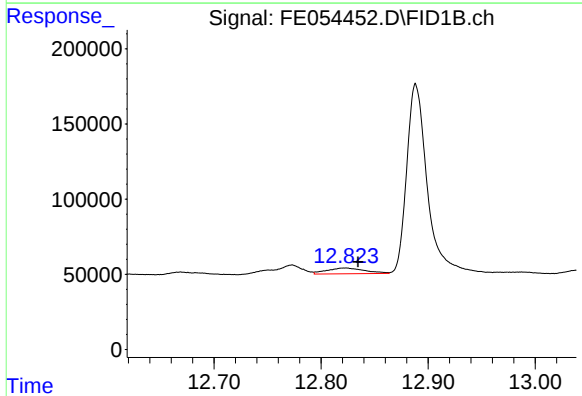
R.T.: 11.508 min
Delta R.T.: -0.013 min
Response: 21276
Conc: 0.16 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-061625-E2



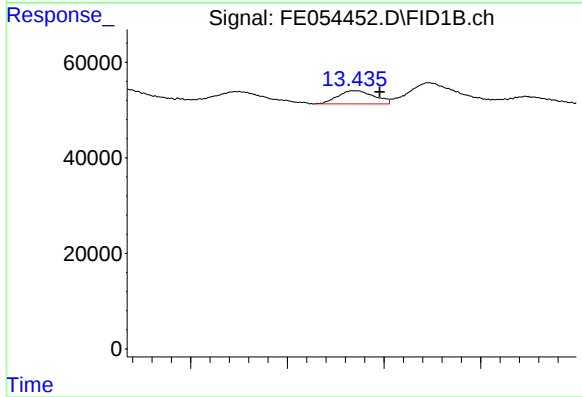
#9 ortho-Terphenyl (SURR)

R.T.: 11.824 min
Delta R.T.: -0.011 min
Response: 4605122
Conc: 27.87 ug/ml



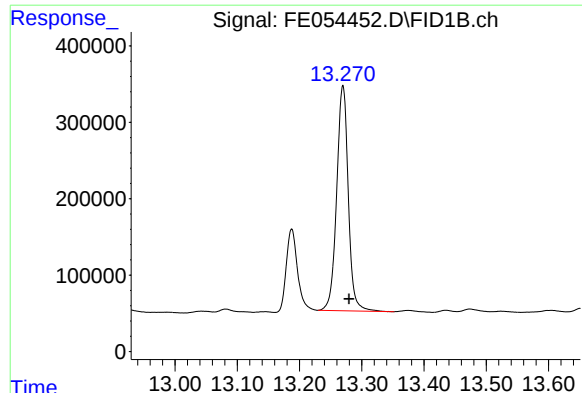
#10 n-Eicosane (C20)

R.T.: 12.822 min
Delta R.T.: -0.012 min
Response: 93795
Conc: 0.70 ug/ml



#11 n-Heneicosane (C21)

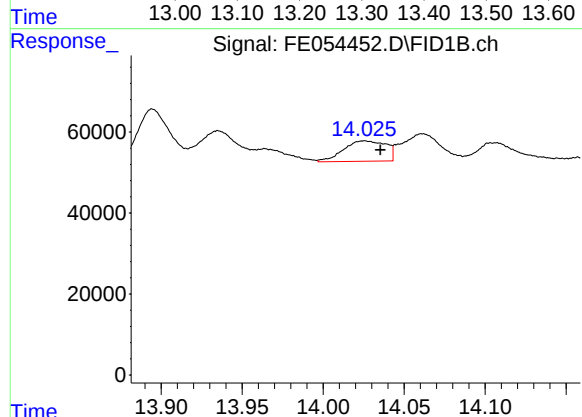
R.T.: 13.435 min
Delta R.T.: -0.013 min
Response: 35866
Conc: 0.27 ug/ml



#12 1-chlorooctadecane (SURR)

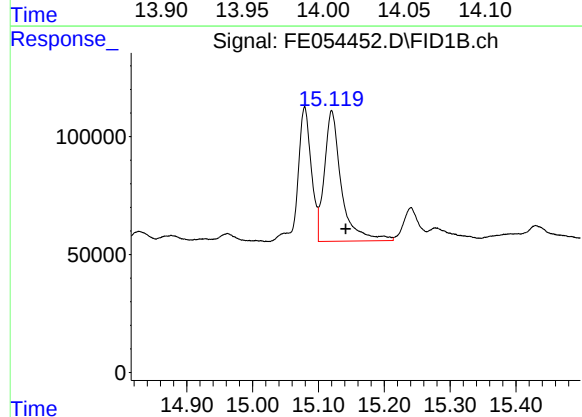
R.T.: 13.270 min
Delta R.T.: -0.010 min
Response: 3814108
Conc: 31.28 ug/ml

Instrument :
FID_E
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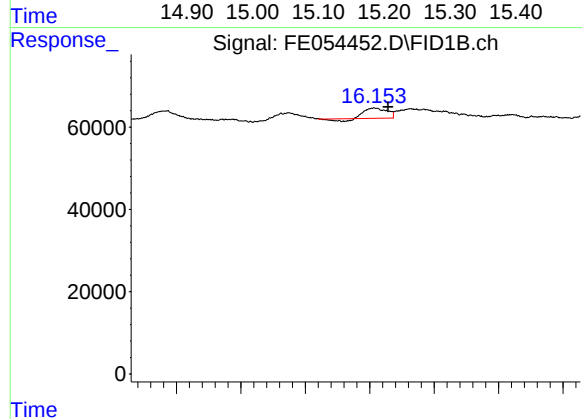
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.010 min
Response: 91692
Conc: 0.70 ug/ml



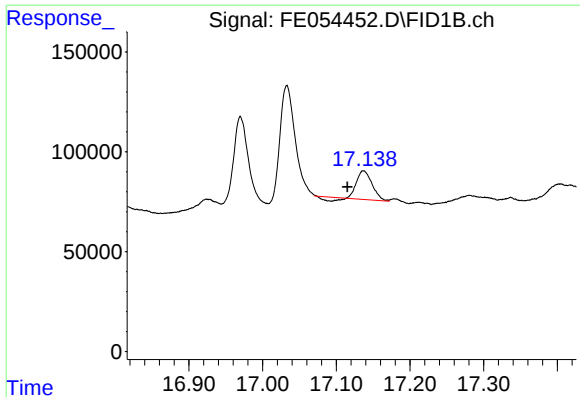
#14 n-Tetracosane (C24)

R.T.: 15.120 min
Delta R.T.: -0.021 min
Response: 996879
Conc: 7.73 ug/ml



#15 n-Hexacosane (C26)

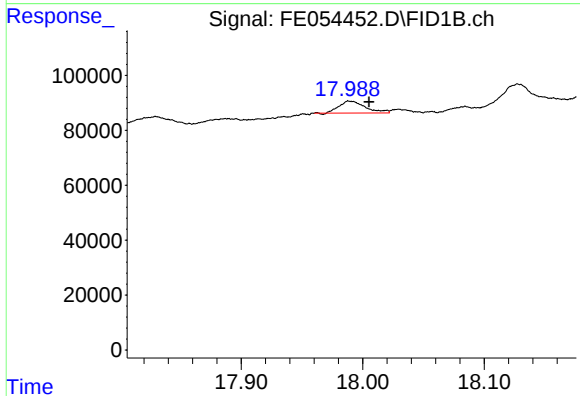
R.T.: 16.154 min
Delta R.T.: -0.011 min
Response: 26806
Conc: 0.21 ug/ml



#16 n-Octacosane (C28)

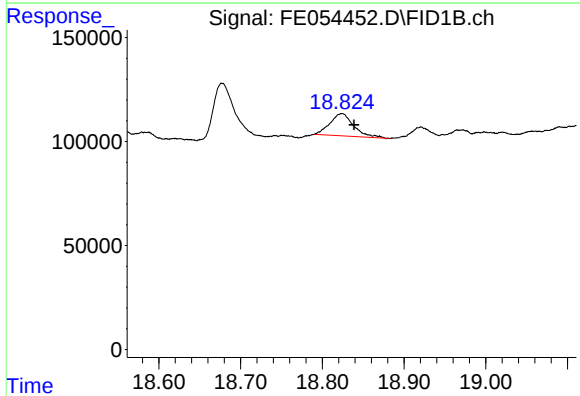
R.T.: 17.137 min
Delta R.T.: 0.022 min
Response: 190801
Conc: 1.56 ug/ml

Instrument :
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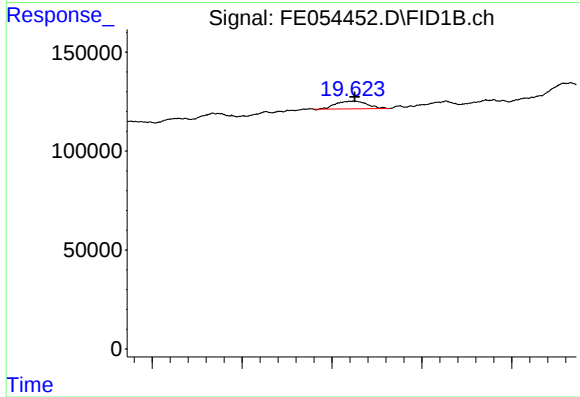
#17 n-Tricontane (C30)

R.T.: 17.990 min
Delta R.T.: -0.015 min
Response: 65358
Conc: 0.53 ug/ml



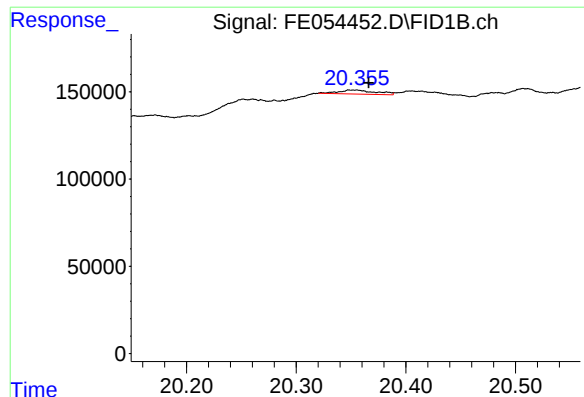
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.015 min
Response: 215914
Conc: 1.72 ug/ml



#19 n-Tetratriacontane (C34)

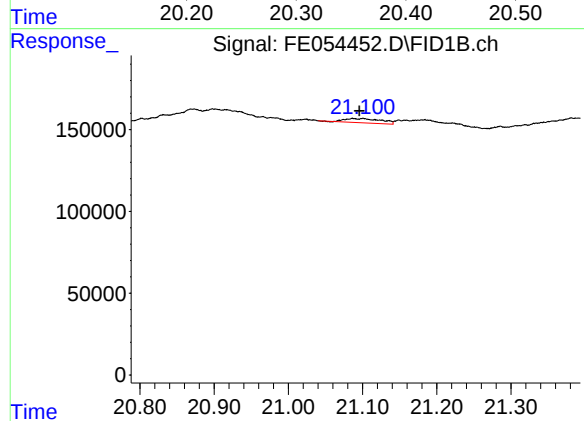
R.T.: 19.624 min
Delta R.T.: -0.001 min
Response: 94258
Conc: 0.76 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.352 min
Delta R.T.: -0.014 min
Response: 54343
Conc: 0.42 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-02-061625-E2



#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: 0.005 min
Response: 87143
Conc: 0.66 ug/ml