

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061725AL\
 Data File : FE054436.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jun 2025 09:57
 Operator : YP\AJ
 Sample : Q2323-01DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PL-01-06132025DL

Integration File: autoint1.e
 Quant Time: Jun 18 01:21:07 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)	11.823	633073	3.831 ug/ml
Spiked Amount 50.000		Recovery =	7.66%
12) S 1-chlorooctadecane (S...	13.268	641038	5.257 ug/ml
Spiked Amount 50.000		Recovery =	10.51%
Target Compounds			
8) T n-Octadecane (C18)	11.509	15564	0.115 ug/ml
10) T n-Eicosane (C20)	12.820	97206	0.727 ug/ml
11) T n-Heneicosane (C21)	13.479	51488	0.387 ug/ml
13) T n-Docosane (C22)	14.061	149997	1.144 ug/ml
14) T n-Tetracosane (C24)	15.121	724183	5.614 ug/ml
16) T n-Octacosane (C28)	17.140	45570	0.372 ug/ml
17) T n-Tricontane (C30)	17.988	34596	0.279 ug/ml
18) T n-Dotriacontane (C32)	18.827	81545	0.649 ug/ml
19) T n-Tetratriacontane (C34)	19.628	49614	0.399 ug/ml
20) T n-Hexatriacontane (C36)	20.353	27305	0.212 ug/ml

(f)=RT Delta > 1/2 Window

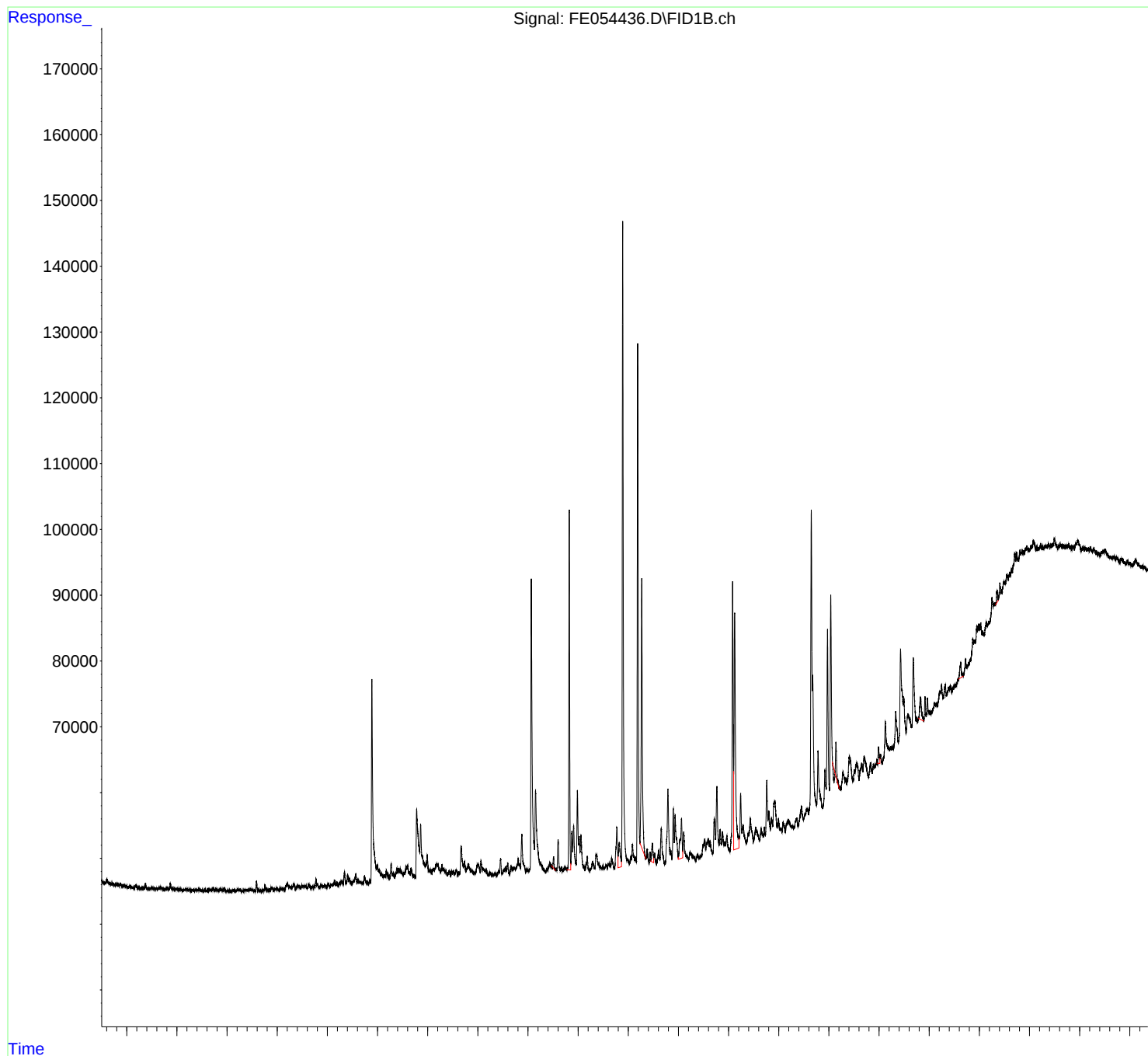
(m)=manual int.

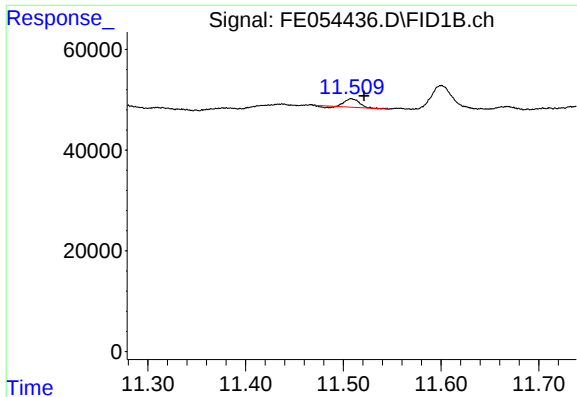
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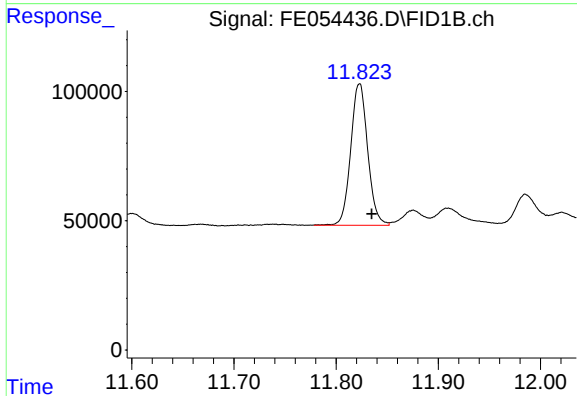




#8 n-Octadecane (C18)

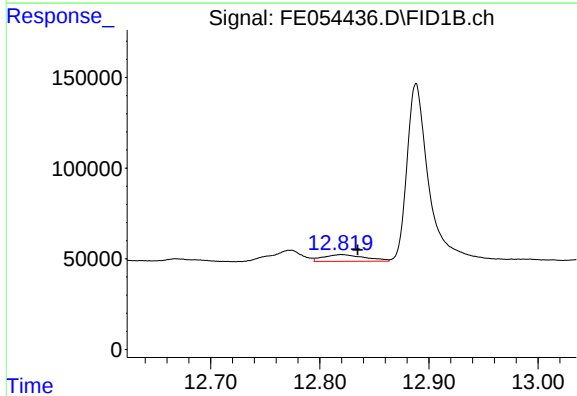
R.T.: 11.509 min
Delta R.T.: -0.012 min
Response: 15564
Conc: 0.12 ug/ml

Instrument :
FID_E
ClientSampleId :
PL-01-06132025DL



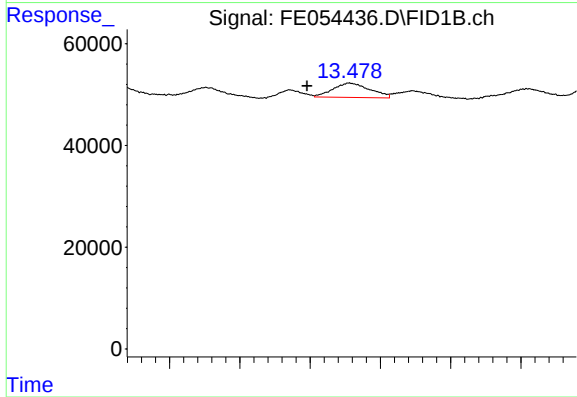
#9 ortho-Terphenyl (SURR)

R.T.: 11.823 min
Delta R.T.: -0.012 min
Response: 633073
Conc: 3.83 ug/ml



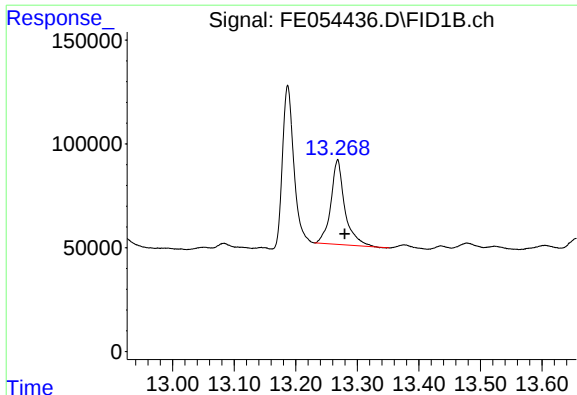
#10 n-Eicosane (C20)

R.T.: 12.820 min
Delta R.T.: -0.015 min
Response: 97206
Conc: 0.73 ug/ml



#11 n-Heneicosane (C21)

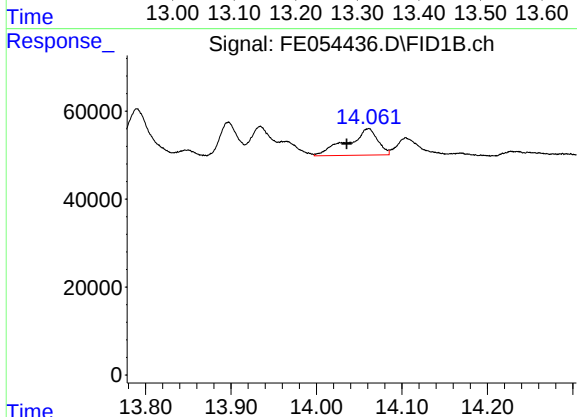
R.T.: 13.479 min
Delta R.T.: 0.031 min
Response: 51488
Conc: 0.39 ug/ml



#12 1-chlorooctadecane (SURR)

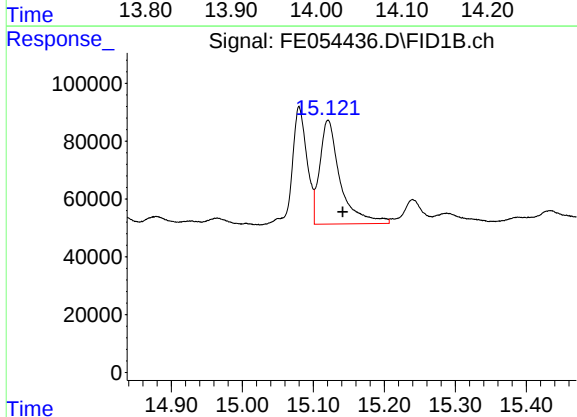
R.T.: 13.268 min
Delta R.T.: -0.012 min
Response: 641038
Conc: 5.26 ug/ml

Instrument :
FID_E
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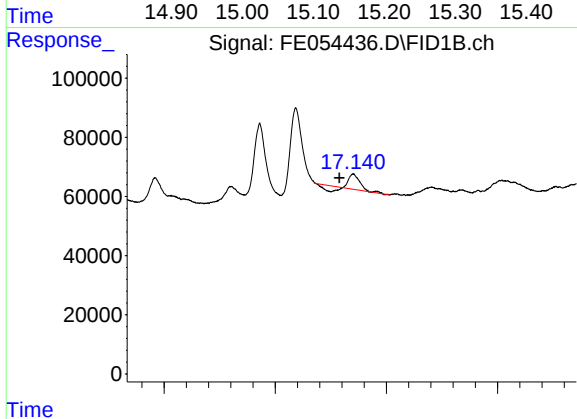
#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: 0.025 min
Response: 149997
Conc: 1.14 ug/ml



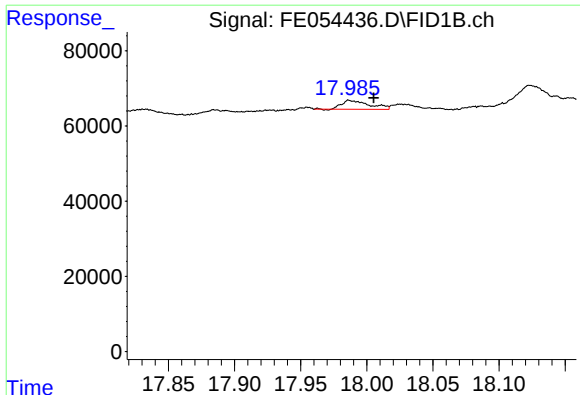
#14 n-Tetracosane (C24)

R.T.: 15.121 min
Delta R.T.: -0.021 min
Response: 724183
Conc: 5.61 ug/ml



#16 n-Octacosane (C28)

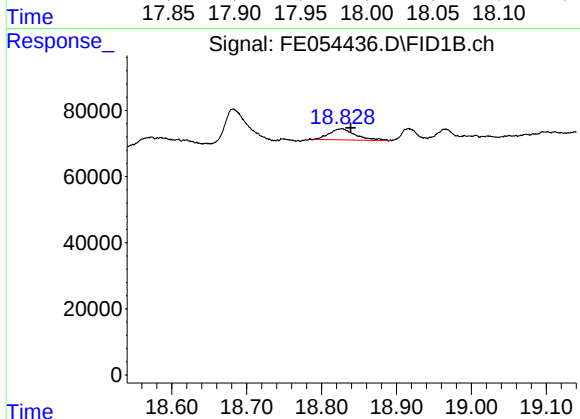
R.T.: 17.140 min
Delta R.T.: 0.025 min
Response: 45570
Conc: 0.37 ug/ml



#17 n-Tricontane (C30)

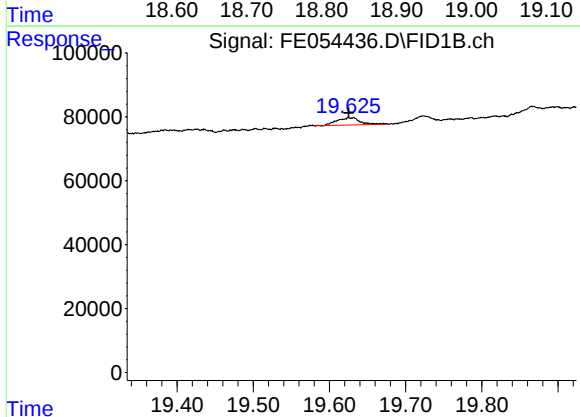
R.T.: 17.988 min
Delta R.T.: -0.017 min
Response: 34596
Conc: 0.28 ug/ml

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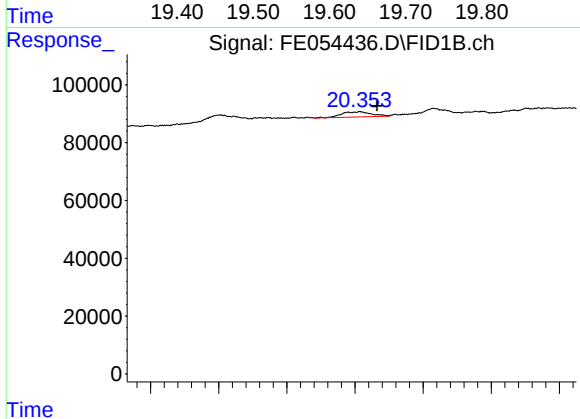
#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.012 min
Response: 81545
Conc: 0.65 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.628 min
Delta R.T.: 0.003 min
Response: 49614
Conc: 0.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.353 min
Delta R.T.: -0.013 min
Response: 27305
Conc: 0.21 ug/ml