

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061825AL\
 Data File : FE054492.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jun 2025 20:00
 Operator : YP\AJ
 Sample : Q2347-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-10-EPH

Integration File: autoint1.e
 Quant Time: Jun 19 01:37:20 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	5916561	35.807 ug/ml
Spiked Amount 50.000		Recovery =	71.61%
12) S 1-chlorooctadecane (S...	13.268	4662236	38.231 ug/ml
Spiked Amount 50.000		Recovery =	76.46%
Target Compounds			
10) T n-Eicosane (C20)	12.894f	37843	0.283 ug/ml
13) T n-Docosane (C22)	13.977f	45902	0.350 ug/ml
14) T n-Tetracosane (C24)	15.090f	13151	0.102 ug/ml
16) T n-Octacosane (C28)	17.100	38985	0.318 ug/ml
17) T n-Tricontane (C30)	17.988	53821	0.434 ug/ml
18) T n-Dotriacontane (C32)	18.821	93941	0.748 ug/ml
19) T n-Tetratriacontane (C34)	19.608	56210	0.452 ug/ml
20) T n-Hexatriacontane (C36)	20.348	48507	0.377 ug/ml
21) T n-Octatriacontane (C38)	21.076	35951	0.272 ug/ml

(f)=RT Delta > 1/2 Window

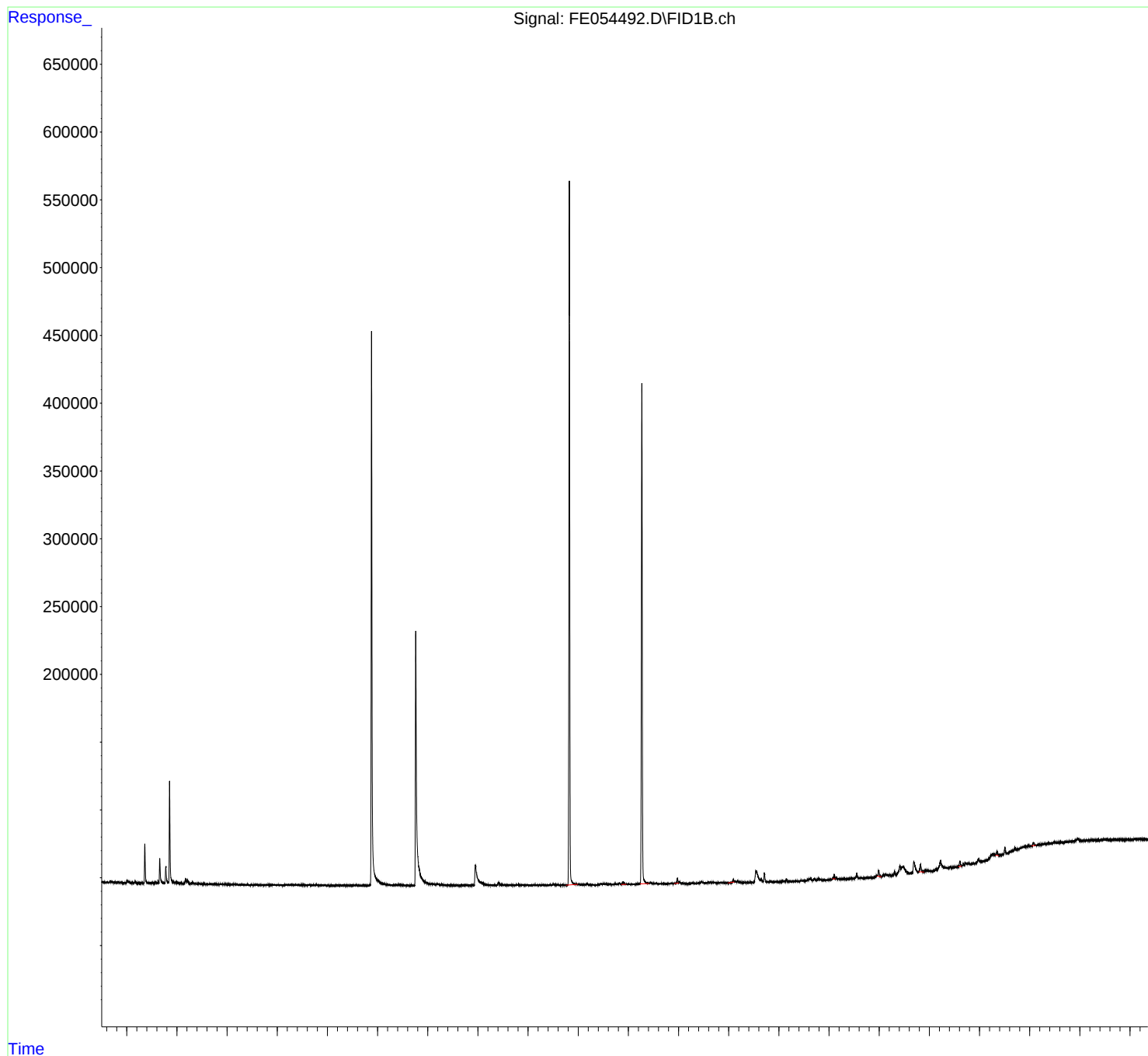
(m)=manual int.

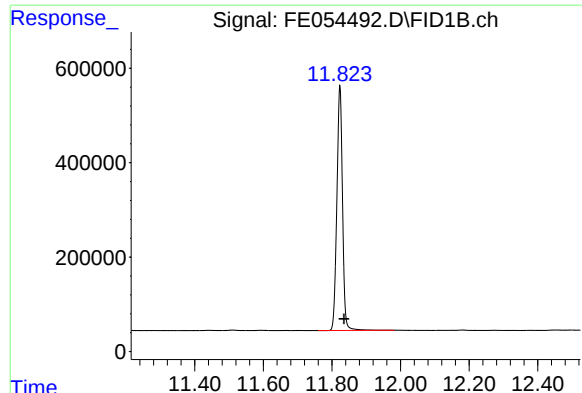
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

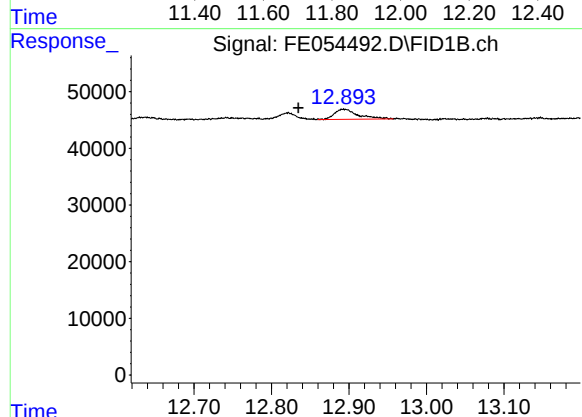




#9 ortho-Terphenyl (SURR)

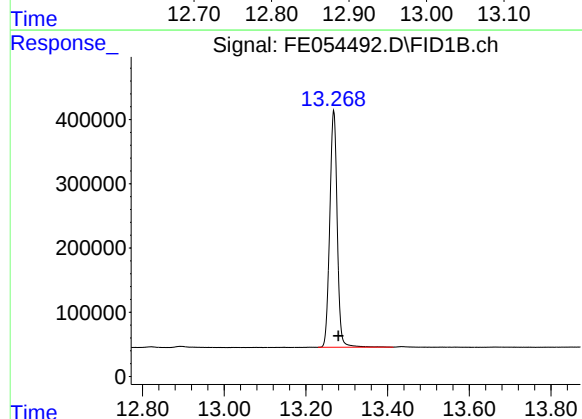
R.T.: 11.823 min
Delta R.T.: -0.012 min
Response: 5916561
Conc: 35.81 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-10-EPH



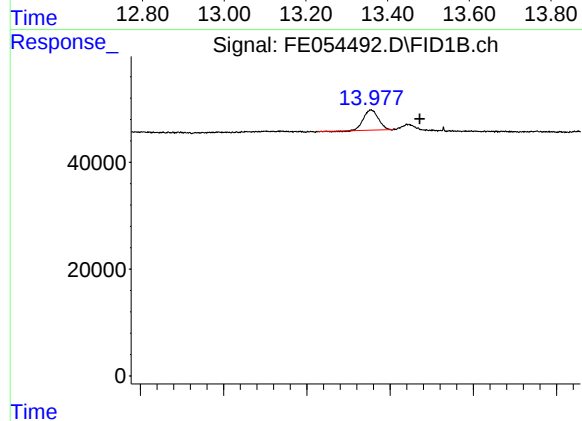
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: 0.059 min
Response: 37843
Conc: 0.28 ug/ml



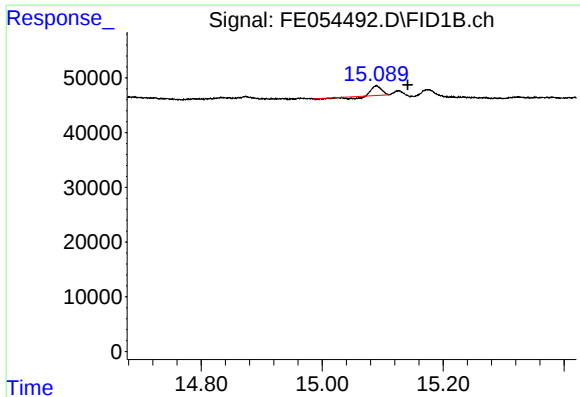
#12 1-chlorooctadecane (SURR)

R.T.: 13.268 min
Delta R.T.: -0.011 min
Response: 4662236
Conc: 38.23 ug/ml



#13 n-Docosane (C22)

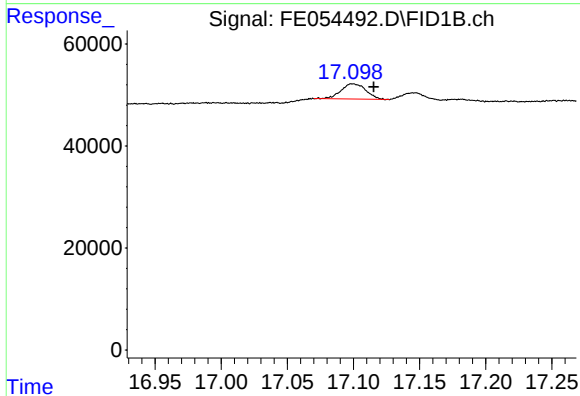
R.T.: 13.977 min
Delta R.T.: -0.058 min
Response: 45902
Conc: 0.35 ug/ml



#14 n-Tetracosane (C24)

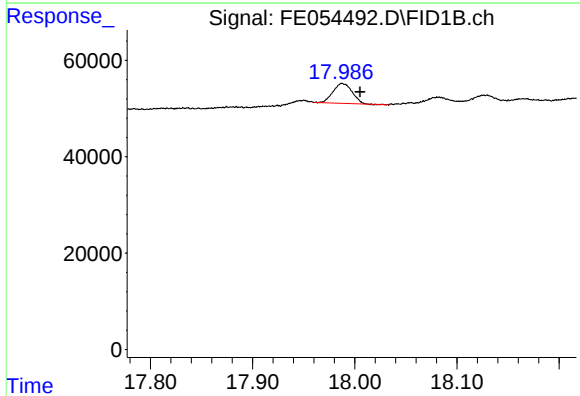
R.T.: 15.090 min
Delta R.T.: -0.052 min
Response: 13151
Conc: 0.10 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-10-EPH



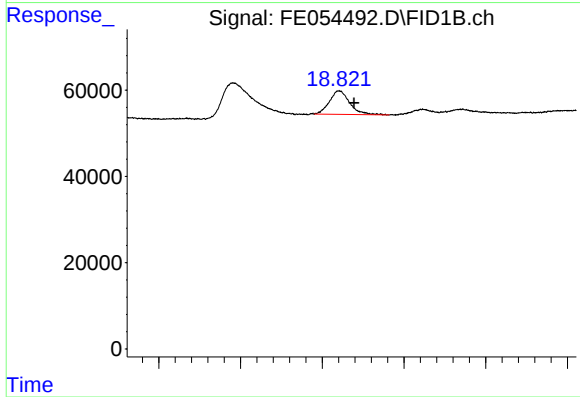
#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: -0.015 min
Response: 38985
Conc: 0.32 ug/ml



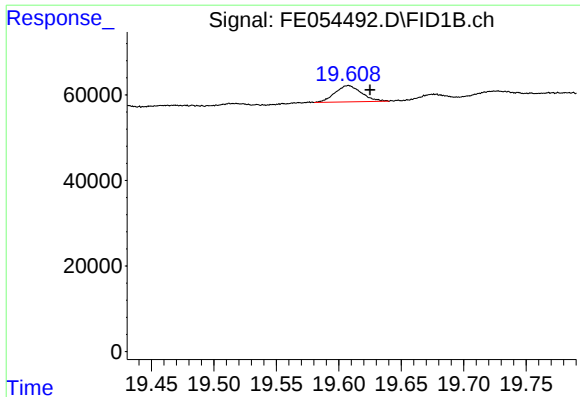
#17 n-Tricontane (C30)

R.T.: 17.988 min
Delta R.T.: -0.017 min
Response: 53821
Conc: 0.43 ug/ml



#18 n-Dotriacontane (C32)

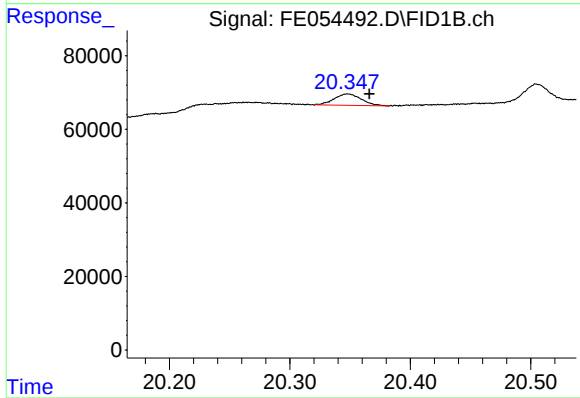
R.T.: 18.821 min
Delta R.T.: -0.018 min
Response: 93941
Conc: 0.75 ug/ml



#19 n-Tetratriacontane (C34)

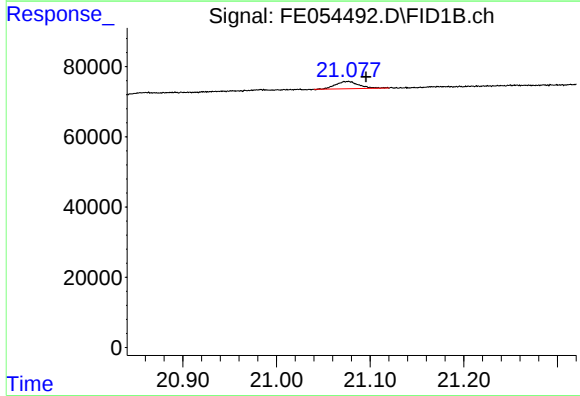
R.T.: 19.608 min
Delta R.T.: -0.017 min
Response: 56210
Conc: 0.45 ug/ml

Instrument :
FID_E
ClientSampleId :
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#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: -0.018 min
Response: 48507
Conc: 0.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.076 min
Delta R.T.: -0.020 min
Response: 35951
Conc: 0.27 ug/ml