

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062425AL\
 Data File : FE054564.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jun 2025 10:05
 Operator : YP\AJ
 Sample : Q2381-06DL 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-11929-E2DL

Integration File: autoint1.e
 Quant Time: Jun 25 02:12:13 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	3853806	23.323 ug/ml
Spiked Amount 50.000		Recovery =	46.65%
12) S 1-chlorooctadecane (S...	13.268	2857763	23.434 ug/ml
Spiked Amount 50.000		Recovery =	46.87%
Target Compounds			
6) T n-Tetradecane (C14)	8.450	44694	0.345 ug/ml
8) T n-Octadecane (C18)	11.509	18423	0.136 ug/ml
10) T n-Eicosane (C20)	12.835	195648	1.462 ug/ml
11) T n-Heneicosane (C21)	13.436	50687	0.381 ug/ml
13) T n-Docosane (C22)	14.024	110796	0.845 ug/ml
14) T n-Tetracosane (C24)	15.124	518576	4.020 ug/ml
15) T n-Hexacosane (C26)	16.150	37494	0.299 ug/ml
16) T n-Octacosane (C28)	17.100	31232	0.255 ug/ml
17) T n-Tricontane (C30)	17.990	98879	0.798 ug/ml
18) T n-Dotriacontane (C32)	18.825	183417	1.460 ug/ml
19) T n-Tetratriacontane (C34)	19.616	103736	0.834 ug/ml
20) T n-Hexatriacontane (C36)	20.351	32048	0.249 ug/ml
21) T n-Octatriacontane (C38)	21.075	50184	0.380 ug/ml

(f)=RT Delta > 1/2 Window

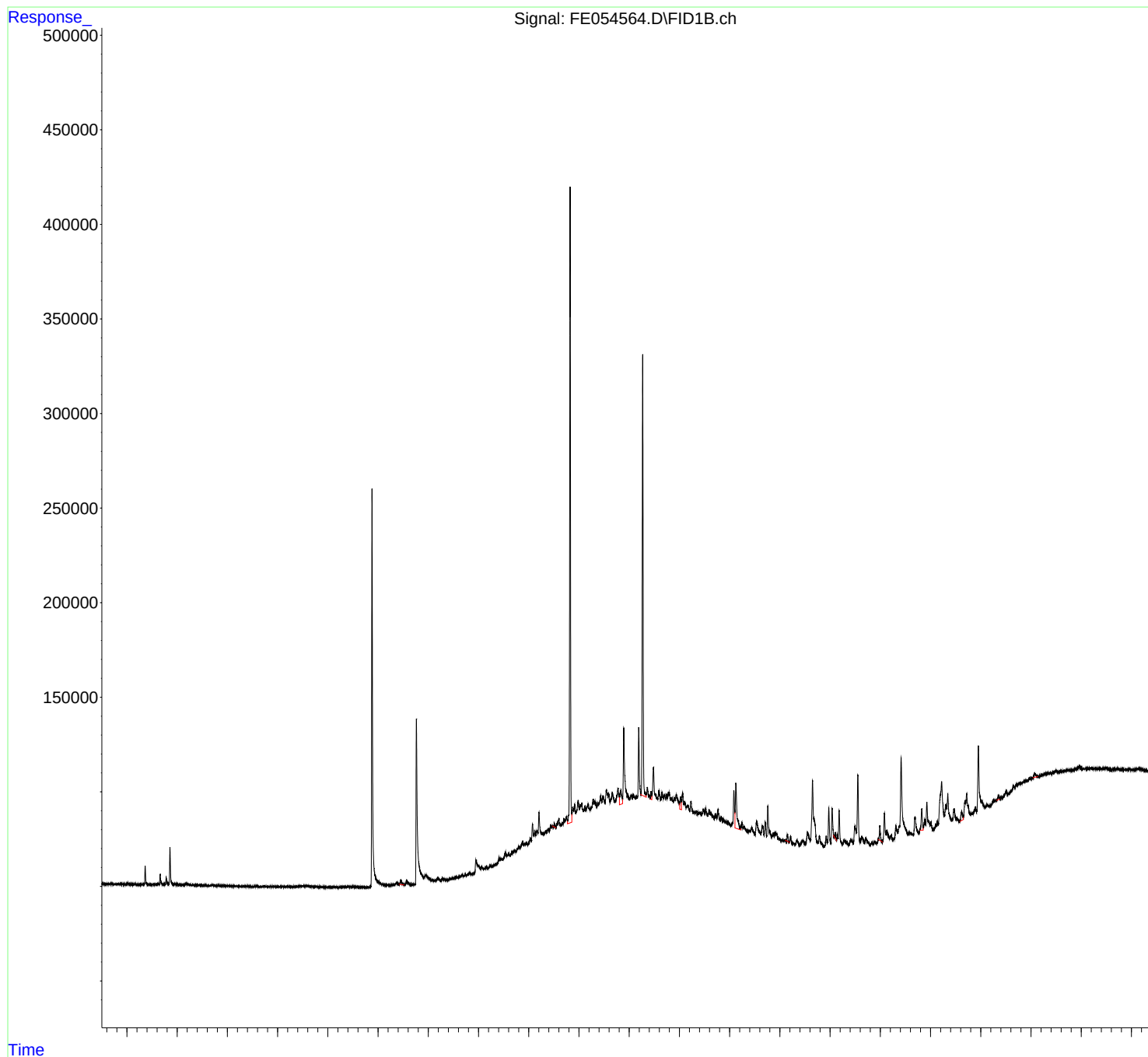
(m)=manual int.

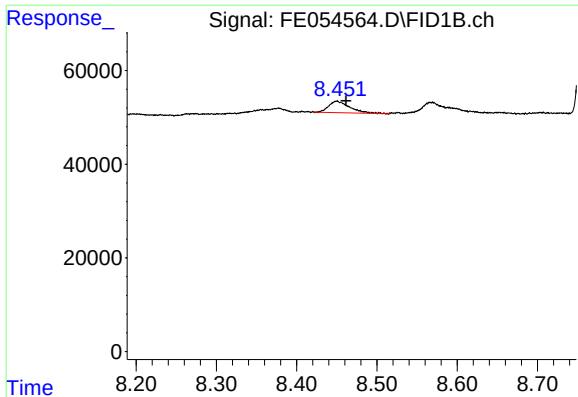
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Signal Info : 20M x 0.18mm x 0.18um

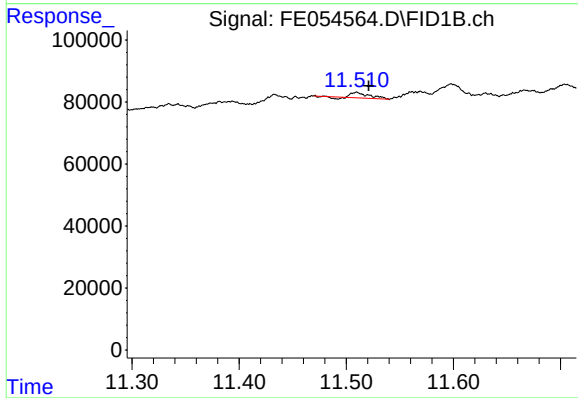




#6 n-Tetradecane (C14)

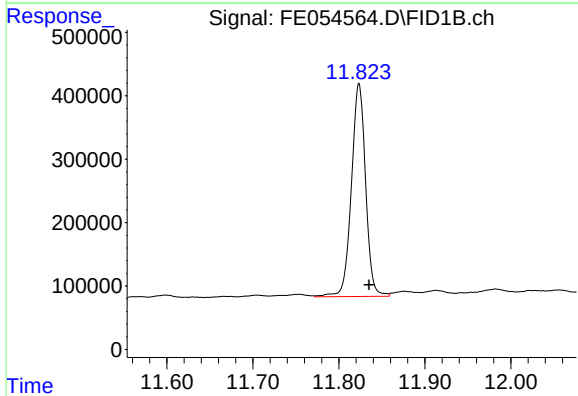
R.T.: 8.450 min
Delta R.T.: -0.011 min
Response: 44694
Conc: 0.35 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11929-E2DL



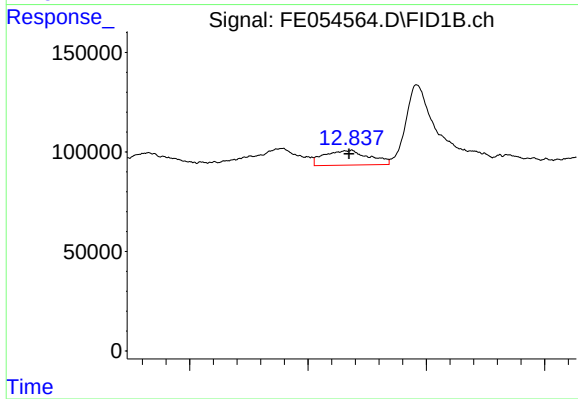
#8 n-Octadecane (C18)

R.T.: 11.509 min
Delta R.T.: -0.012 min
Response: 18423
Conc: 0.14 ug/ml



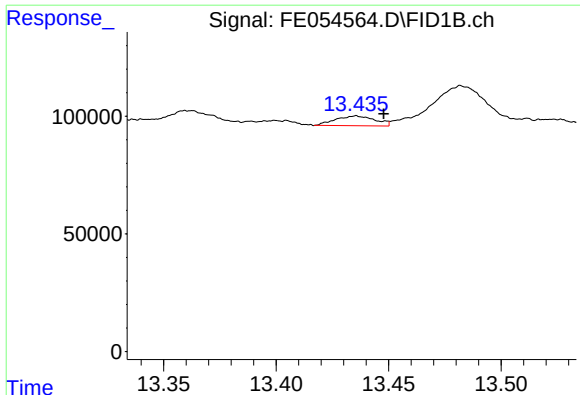
#9 ortho-Terphenyl (SURR)

R.T.: 11.823 min
Delta R.T.: -0.011 min
Response: 3853806
Conc: 23.32 ug/ml



#10 n-Eicosane (C20)

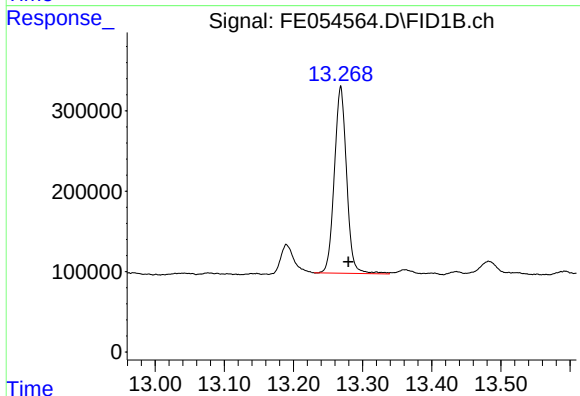
R.T.: 12.835 min
Delta R.T.: 0.000 min
Response: 195648
Conc: 1.46 ug/ml



#11 n-Heneicosane (C21)

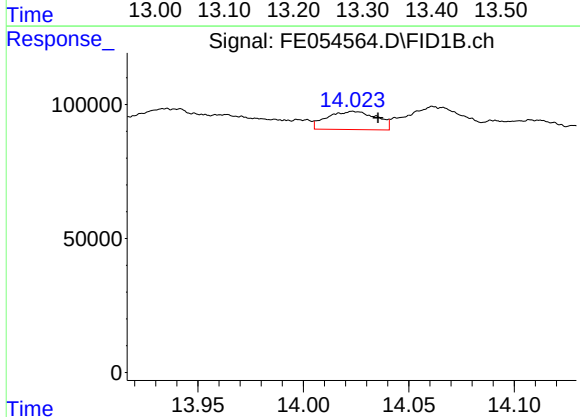
R.T.: 13.436 min
Delta R.T.: -0.012 min
Response: 50687
Conc: 0.38 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11929-E2DL



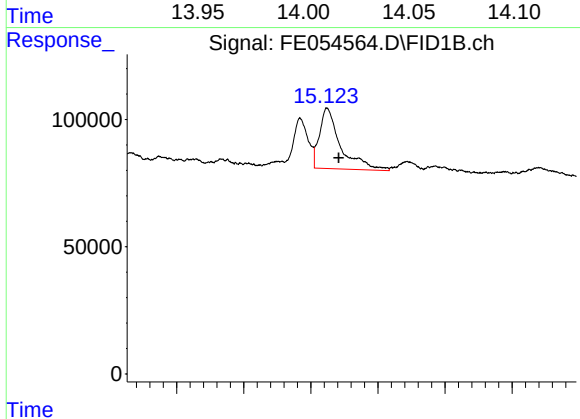
#12 1-chlorooctadecane (SURR)

R.T.: 13.268 min
Delta R.T.: -0.011 min
Response: 2857763
Conc: 23.43 ug/ml



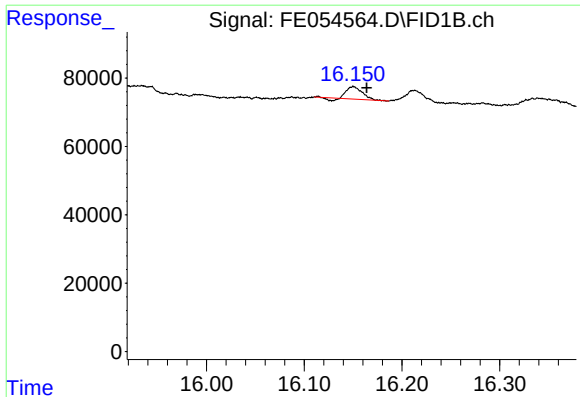
#13 n-Docosane (C22)

R.T.: 14.024 min
Delta R.T.: -0.012 min
Response: 110796
Conc: 0.84 ug/ml



#14 n-Tetracosane (C24)

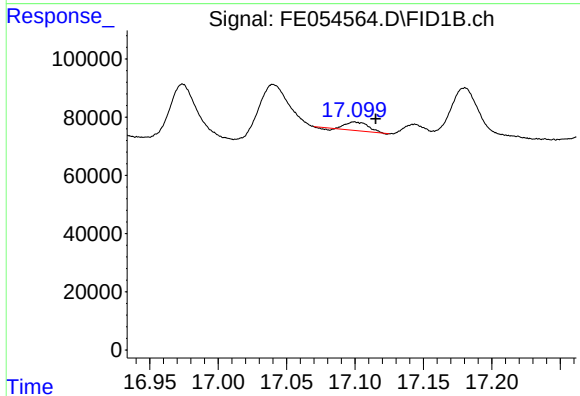
R.T.: 15.124 min
Delta R.T.: -0.017 min
Response: 518576
Conc: 4.02 ug/ml



#15 n-Hexacosane (C26)

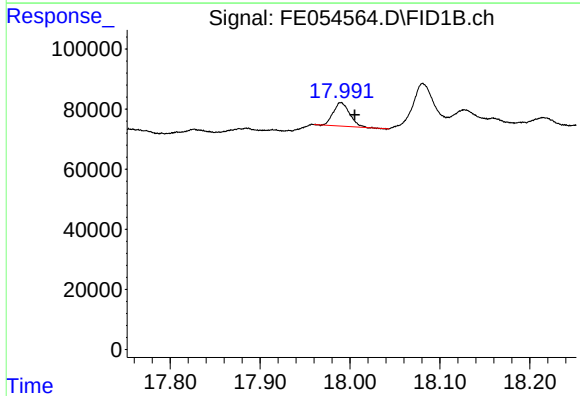
R.T.: 16.150 min
Delta R.T.: -0.014 min
Response: 37494
Conc: 0.30 ug/ml

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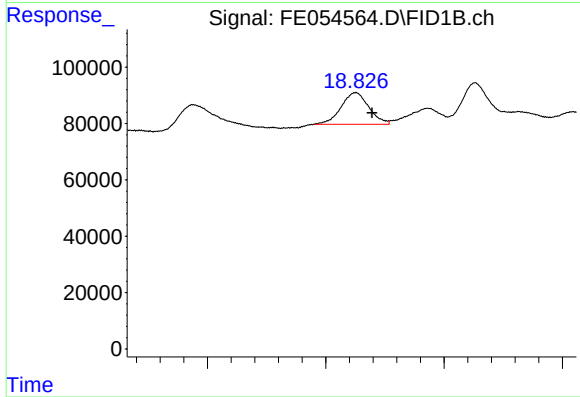
#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: -0.015 min
Response: 31232
Conc: 0.25 ug/ml



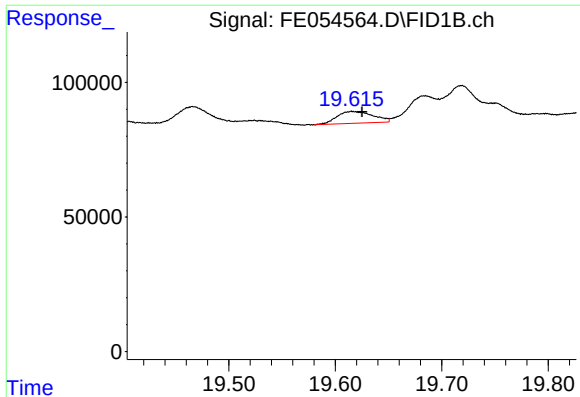
#17 n-Tricontane (C30)

R.T.: 17.990 min
Delta R.T.: -0.015 min
Response: 98879
Conc: 0.80 ug/ml



#18 n-Dotriacontane (C32)

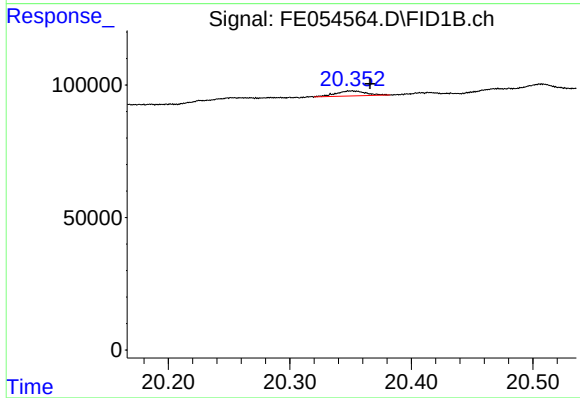
R.T.: 18.825 min
Delta R.T.: -0.014 min
Response: 183417
Conc: 1.46 ug/ml



#19 n-Tetratriacontane (C34)

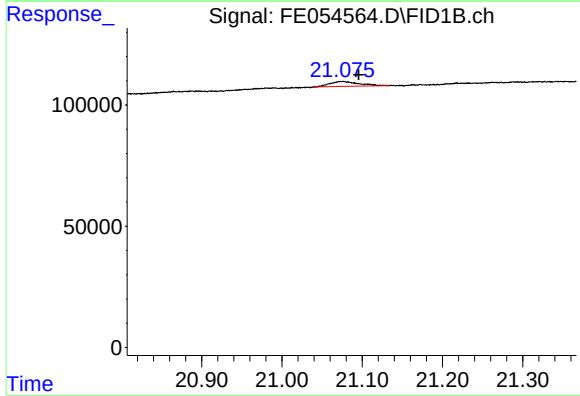
R.T.: 19.616 min
Delta R.T.: -0.009 min
Response: 103736
Conc: 0.83 ug/ml

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

R.T.: 20.351 min
Delta R.T.: -0.015 min
Response: 32048
Conc: 0.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.075 min
Delta R.T.: -0.021 min
Response: 50184
Conc: 0.38 ug/ml