

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062625AL\
 Data File : FE054600.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jun 2025 10:30
 Operator : YP\AJ
 Sample : Q2398-04DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 M00-25-0179-E2DL

Integration File: autoint1.e
 Quant Time: Jun 27 01:59:15 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)	11.819	1062558	6.431 ug/ml
Spiked Amount 50.000		Recovery =	12.86%
12) S 1-chlorooctadecane (S...	13.264	679009	5.568 ug/ml
Spiked Amount 50.000		Recovery =	11.14%
Target Compounds			
6) T n-Tetradecane (C14)	8.455	44618	0.345 ug/ml
7) T n-Hexadecane (C16)	10.012f	7398	0.056 ug/ml
10) T n-Eicosane (C20)	12.821	92509	0.692 ug/ml
11) T n-Heneicosane (C21)	13.481	248323	1.868 ug/ml
13) T n-Docosane (C22)	14.012	50823	0.388 ug/ml
14) T n-Tetracosane (C24)	15.133	230360	1.786 ug/ml
15) T n-Hexacosane (C26)	16.159	133865	1.066 ug/ml
16) T n-Octacosane (C28)	17.119	535713	4.368 ug/ml
17) T n-Tricontane (C30)	17.993	229007	1.848 ug/ml
18) T n-Dotriacontane (C32)	18.843	247441	1.969 ug/ml
19) T n-Tetratriacontane (C34)	19.646	2647454	21.281 ug/ml
20) T n-Hexatriacontane (C36)	20.415	244900	1.902 ug/ml
21) T n-Octatriacontane (C38)	21.140	41802	0.317 ug/ml

(f)=RT Delta > 1/2 Window

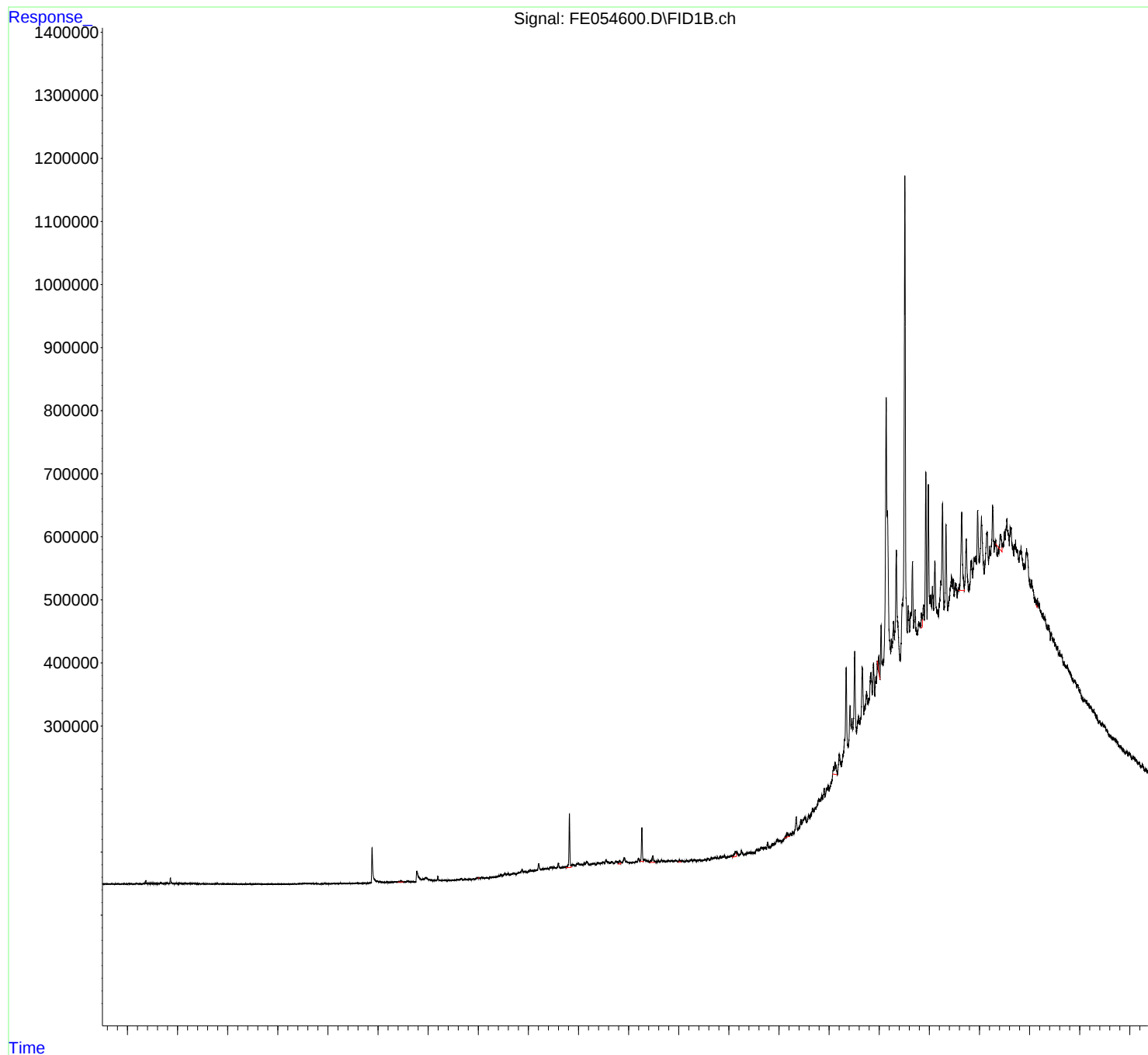
(m)=manual int.

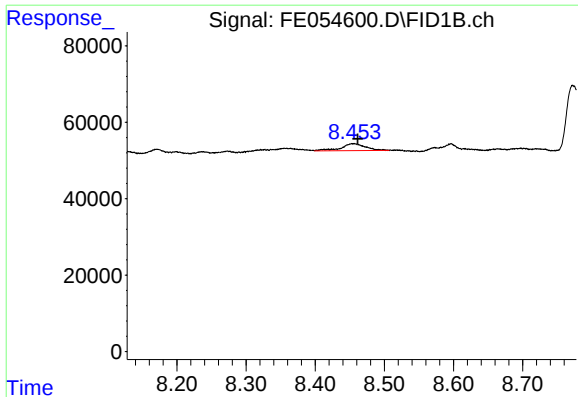
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

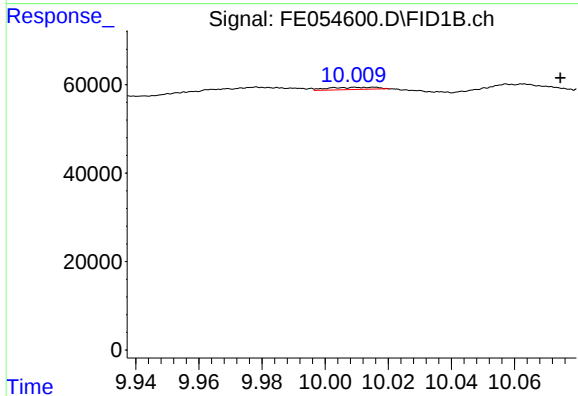




#6 n-Tetradecane (C14)

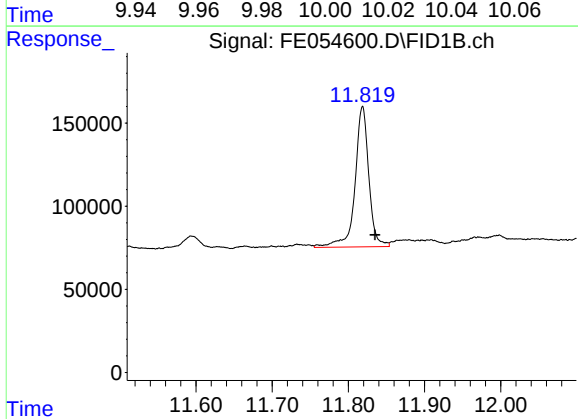
R.T.: 8.455 min
Delta R.T.: -0.006 min
Response: 44618
Conc: 0.34 ug/ml

Instrument :
FID_E
ClientSampleId :
M00-25-0179-E2DL



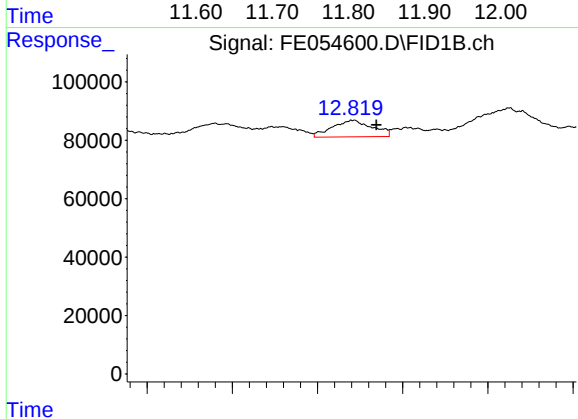
#7 n-Hexadecane (C16)

R.T.: 10.012 min
Delta R.T.: -0.062 min
Response: 7398
Conc: 0.06 ug/ml



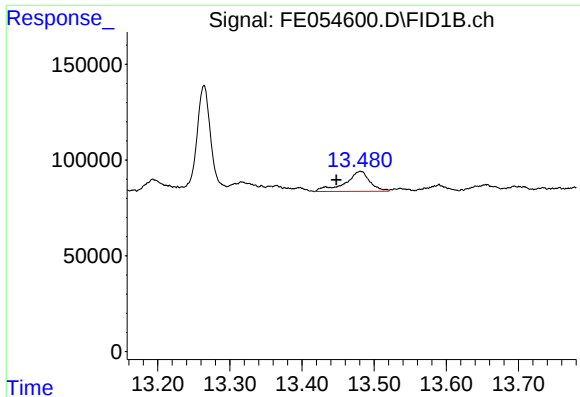
#9 ortho-Terphenyl (SURR)

R.T.: 11.819 min
Delta R.T.: -0.016 min
Response: 1062558
Conc: 6.43 ug/ml



#10 n-Eicosane (C20)

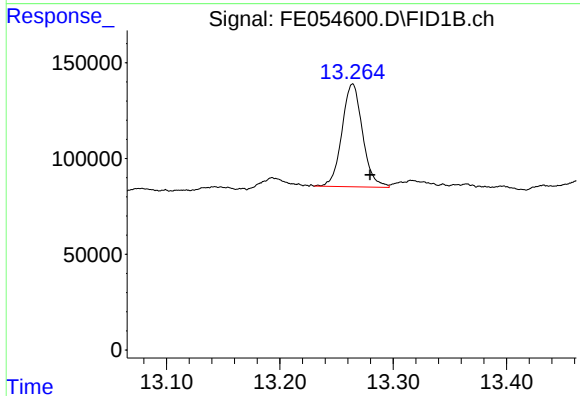
R.T.: 12.821 min
Delta R.T.: -0.014 min
Response: 92509
Conc: 0.69 ug/ml



#11 n-Heneicosane (C21)

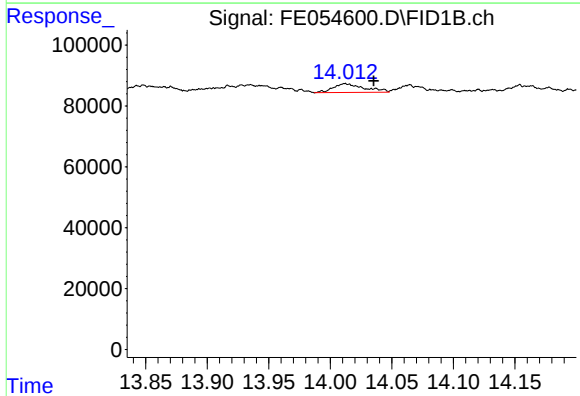
R.T.: 13.481 min
Delta R.T.: 0.033 min
Response: 248323
Conc: 1.87 ug/ml

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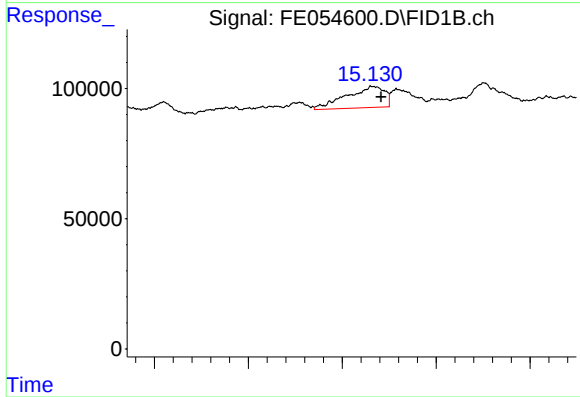
#12 1-chlorooctadecane (SURR)

R.T.: 13.264 min
Delta R.T.: -0.015 min
Response: 679009
Conc: 5.57 ug/ml



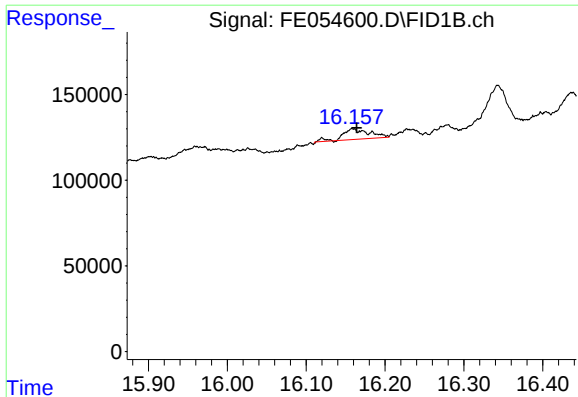
#13 n-Docosane (C22)

R.T.: 14.012 min
Delta R.T.: -0.023 min
Response: 50823
Conc: 0.39 ug/ml



#14 n-Tetracosane (C24)

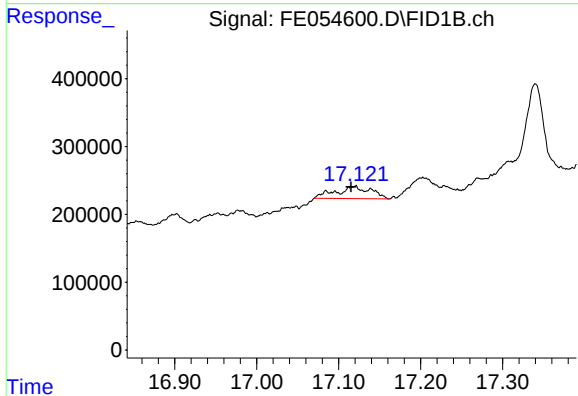
R.T.: 15.133 min
Delta R.T.: -0.008 min
Response: 230360
Conc: 1.79 ug/ml



#15 n-Hexacosane (C26)

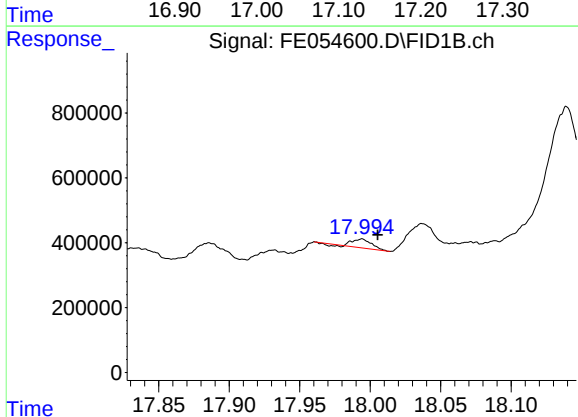
R.T.: 16.159 min
Delta R.T.: -0.005 min
Response: 133865
Conc: 1.07 ug/ml

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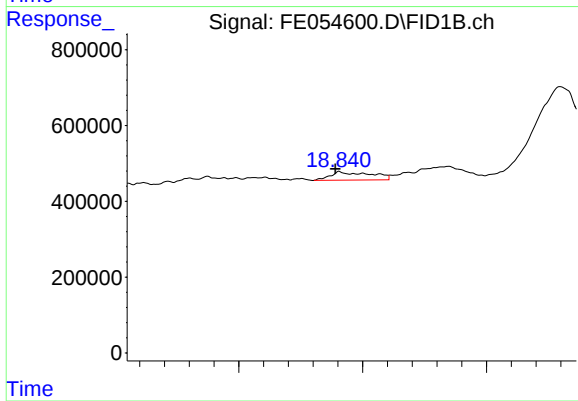
#16 n-Octacosane (C28)

R.T.: 17.119 min
Delta R.T.: 0.004 min
Response: 535713
Conc: 4.37 ug/ml



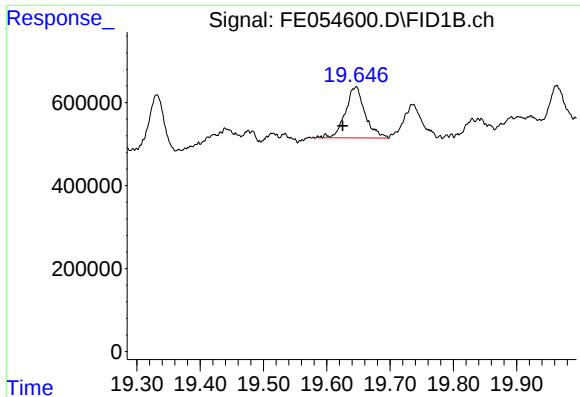
#17 n-Tricontane (C30)

R.T.: 17.993 min
Delta R.T.: -0.012 min
Response: 229007
Conc: 1.85 ug/ml



#18 n-Dotriacontane (C32)

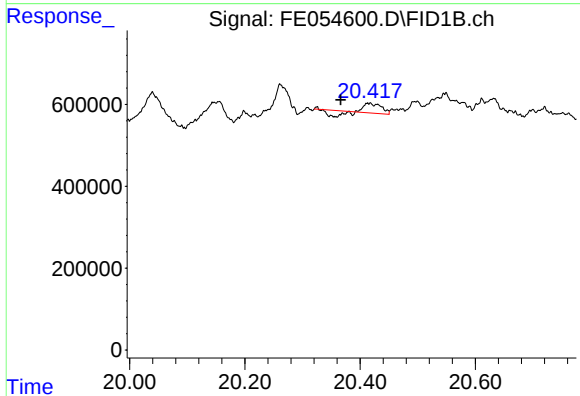
R.T.: 18.843 min
Delta R.T.: 0.004 min
Response: 247441
Conc: 1.97 ug/ml



#19 n-Tetratriacontane (C34)

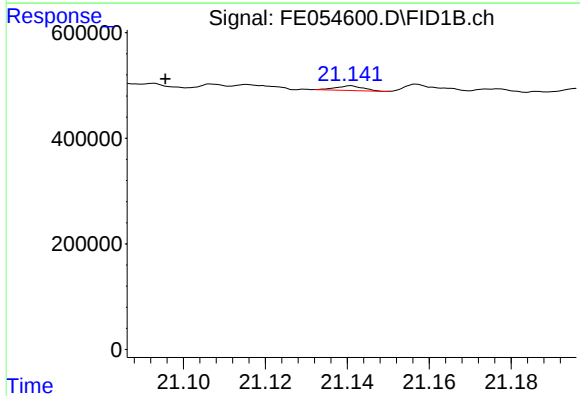
R.T.: 19.646 min
Delta R.T.: 0.020 min
Response: 2647454
Conc: 21.28 ug/ml

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#20 n-Hexatriacontane (C36)

R.T.: 20.415 min
Delta R.T.: 0.049 min
Response: 244900
Conc: 1.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.140 min
Delta R.T.: 0.045 min
Response: 41802
Conc: 0.32 ug/ml