

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071425AL\
 Data File : FE054836.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2025 10:52
 Operator : YP\AJ
 Sample : Q2559-02DL 20X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 500-3B CONCRETE CHIP-EPHDL

Integration File: autoint1.e
 Quant Time: Jul 15 03:29:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.085	762313	4.694 ug/ml
Spiked Amount 50.000		Recovery =	9.39%
12) S 1-chlorooctadecane (S...	13.522	389908	3.087 ug/ml
Spiked Amount 50.000		Recovery =	6.17%
Target Compounds			
6) T n-Tetradecane (C14)	8.689	33593	0.242 ug/ml
7) T n-Hexadecane (C16)	10.315	49774	0.349 ug/ml
8) T n-Octadecane (C18)	11.758	117038	0.799 ug/ml
10) T n-Eicosane (C20)	13.073	91834	0.639 ug/ml
11) T n-Heneicosane (C21)	13.710	155721	1.090 ug/ml
13) T n-Docosane (C22)	14.277	137060	0.960 ug/ml
16) T n-Octacosane (C28)	17.356	24953	0.171 ug/ml
17) T n-Tricontane (C30)	18.246	41939	0.266 ug/ml
18) T n-Dotriacontane (C32)	19.080	110078	0.680 ug/ml
19) T n-Tetratriacontane (C34)	19.865	83467	0.548 ug/ml
20) T n-Hexatriacontane (C36)	20.608	65678	0.488 ug/ml
21) T n-Octatriacontane (C38)	21.384	479041	4.084 ug/ml

(f)=RT Delta > 1/2 Window

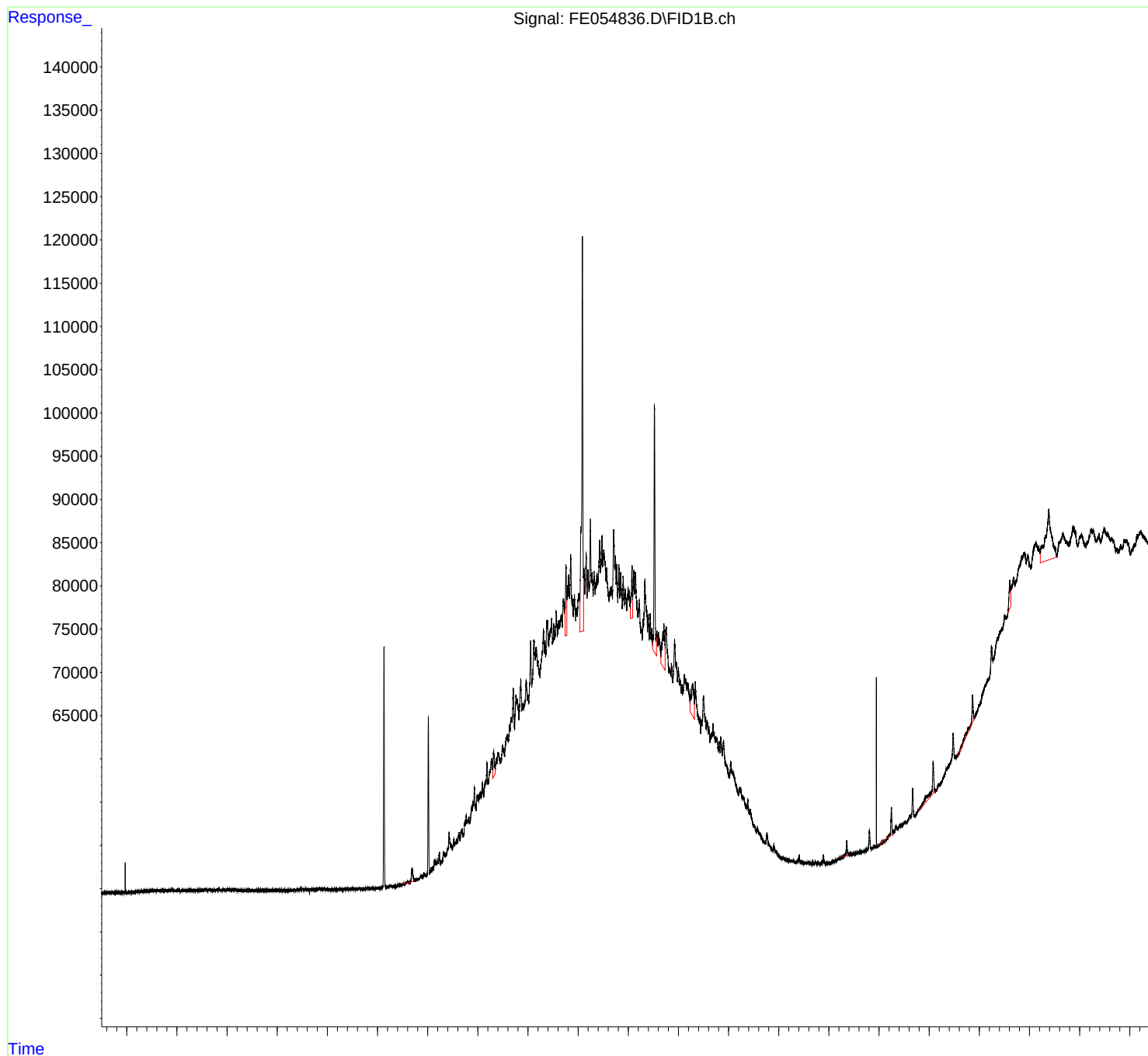
(m)=manual int.

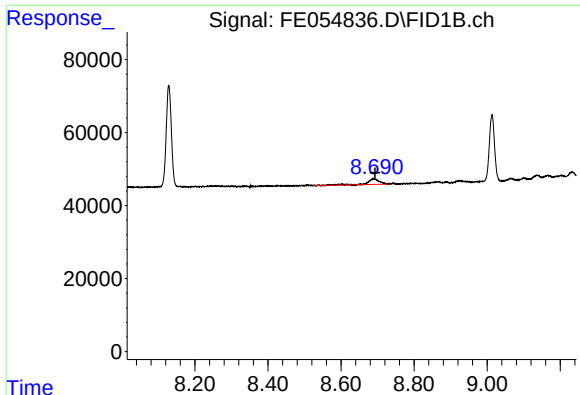
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071425AL\
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Signal Info : 20M x 0.18mm x 0.18um

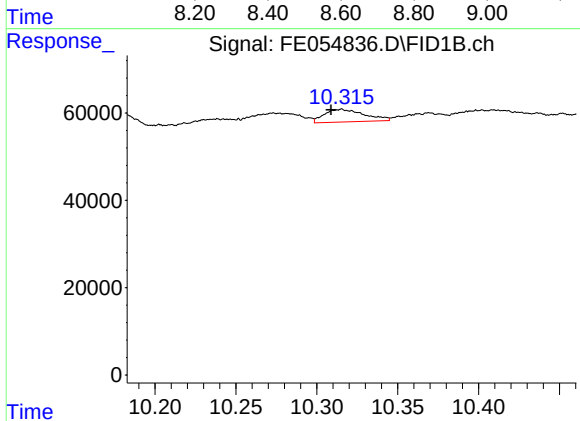




#6 n-Tetradecane (C14)

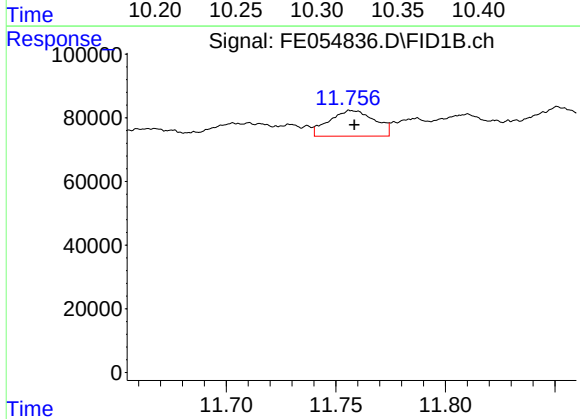
R.T.: 8.689 min
Delta R.T.: -0.004 min
Response: 33593
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :
500-3B CONCRETE CHIP-EPHDL



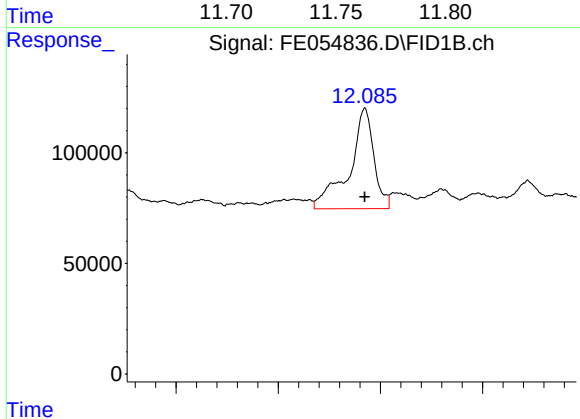
#7 n-Hexadecane (C16)

R.T.: 10.315 min
Delta R.T.: 0.006 min
Response: 49774
Conc: 0.35 ug/ml



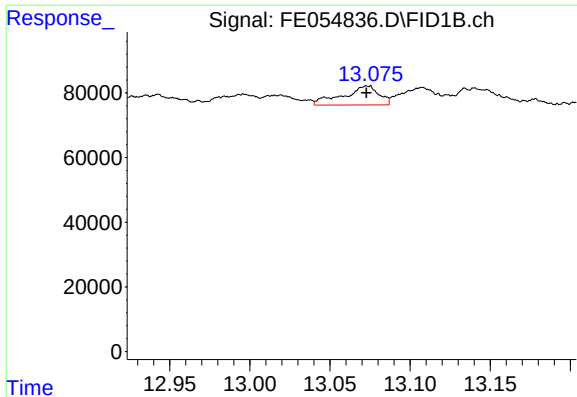
#8 n-Octadecane (C18)

R.T.: 11.758 min
Delta R.T.: 0.000 min
Response: 117038
Conc: 0.80 ug/ml



#9 ortho-Terphenyl (SURR)

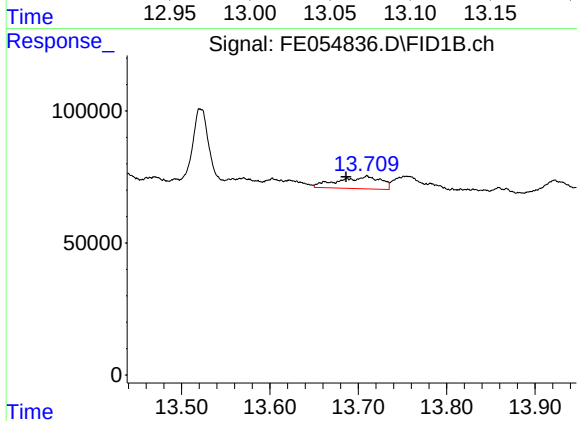
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 762313
Conc: 4.69 ug/ml



#10 n-Eicosane (C20)

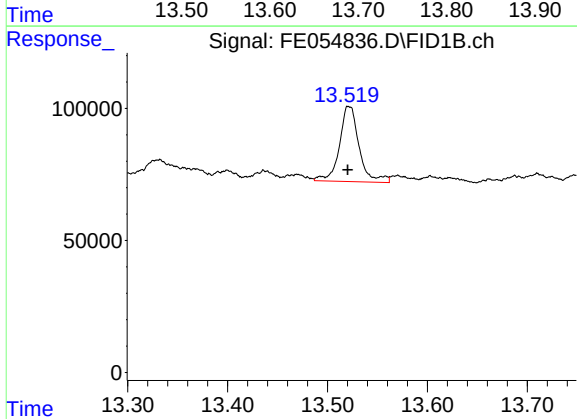
R.T.: 13.073 min
Delta R.T.: 0.000 min
Response: 91834
Conc: 0.64 ug/ml

Instrument :
FID_E
ClientSampleId :
500-3B CONCRETE CHIP-EPHDL



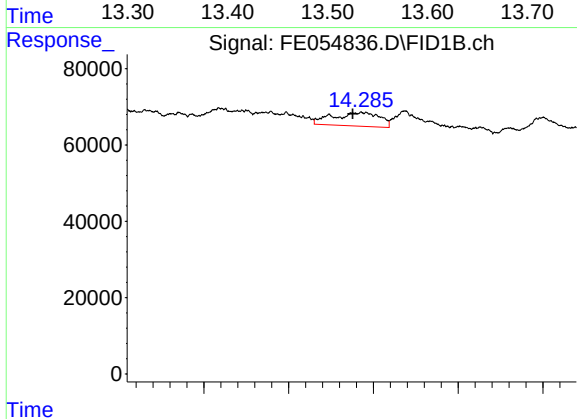
#11 n-Heneicosane (C21)

R.T.: 13.710 min
Delta R.T.: 0.024 min
Response: 155721
Conc: 1.09 ug/ml



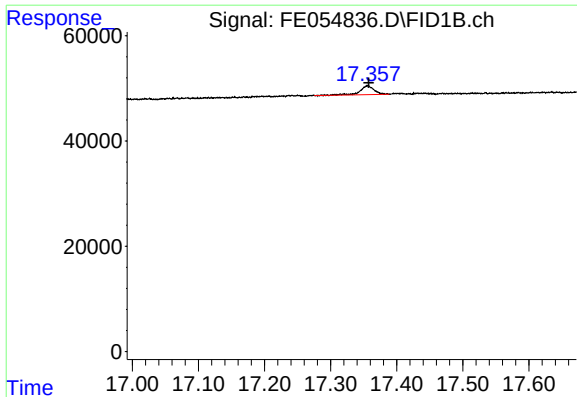
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 389908
Conc: 3.09 ug/ml



#13 n-Docosane (C22)

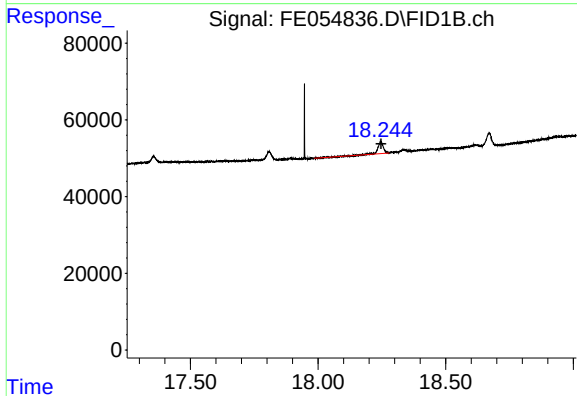
R.T.: 14.277 min
Delta R.T.: 0.002 min
Response: 137060
Conc: 0.96 ug/ml



#16 n-Octacosane (C28)

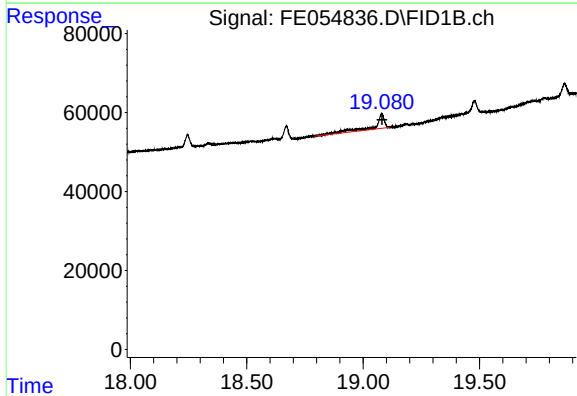
R.T.: 17.356 min
Delta R.T.: -0.001 min
Response: 24953
Conc: 0.17 ug/ml

Instrument :
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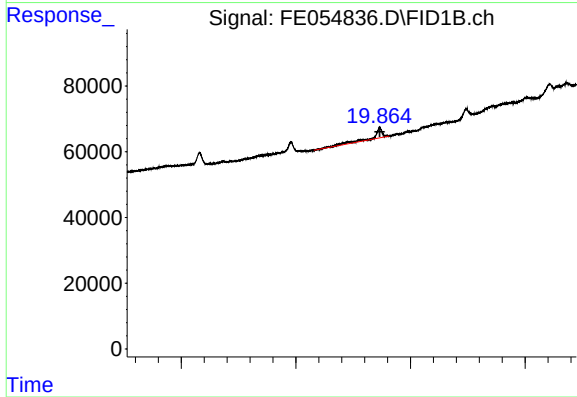
#17 n-Tricontane (C30)

R.T.: 18.246 min
Delta R.T.: 0.000 min
Response: 41939
Conc: 0.27 ug/ml



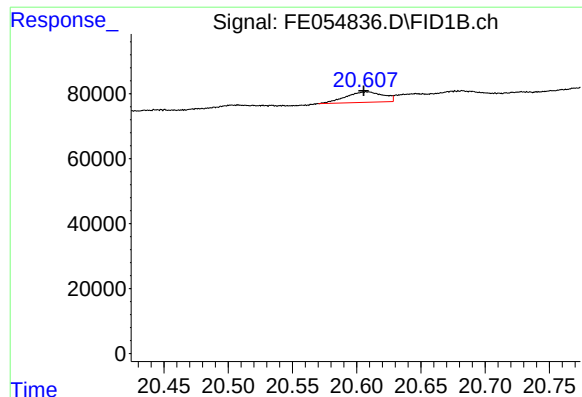
#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: 0.000 min
Response: 110078
Conc: 0.68 ug/ml



#19 n-Tetratriacontane (C34)

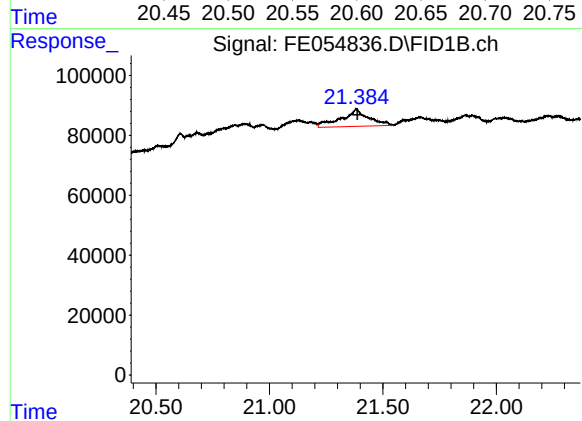
R.T.: 19.865 min
Delta R.T.: -0.001 min
Response: 83467
Conc: 0.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.608 min
Delta R.T.: 0.002 min
Response: 65678
Conc: 0.49 ug/ml

Instrument :
FID_E
ClientSampleId :
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#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: -0.004 min
Response: 479041
Conc: 4.08 ug/ml