

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071525AL\
 Data File : FE054857.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2025 18:26
 Operator : YP\AJ
 Sample : Q2597-01D
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CHRT-26899

Integration File: autoint1.e
 Quant Time: Jul 16 04:07:49 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)	12.090	6732831	41.460 ug/ml
Spiked Amount 50.000		Recovery =	82.92%
12) S 1-chlorooctadecane (S...	13.528	5061887	40.080 ug/ml
Spiked Amount 50.000		Recovery =	80.16%
Target Compounds			
6) T n-Tetradecane (C14)	8.704	94718	0.683 ug/ml
7) T n-Hexadecane (C16)	10.327	166491	1.168 ug/ml
8) T n-Octadecane (C18)	11.793	290777	1.984 ug/ml
10) T n-Eicosane (C20)	13.080	283589	1.972 ug/ml
11) T n-Heneicosane (C21)	13.746f	1407122	9.852 ug/ml
13) T n-Docosane (C22)	14.305	1104175	7.733 ug/ml
14) T n-Tetracosane (C24)	15.375	404851	2.785 ug/ml
15) T n-Hexacosane (C26)	16.433	145791	1.007 ug/ml
16) T n-Octacosane (C28)	17.371	83536	0.573 ug/ml
17) T n-Tricontane (C30)	18.243	143459	0.910 ug/ml
18) T n-Dotriacontane (C32)	19.077	189431	1.171 ug/ml
19) T n-Tetratriacontane (C34)	19.863	105785	0.694 ug/ml
20) T n-Hexatriacontane (C36)	20.603	55910	0.416 ug/ml
21) T n-Octatriacontane (C38)	21.383	52231	0.445 ug/ml

(f)=RT Delta > 1/2 Window

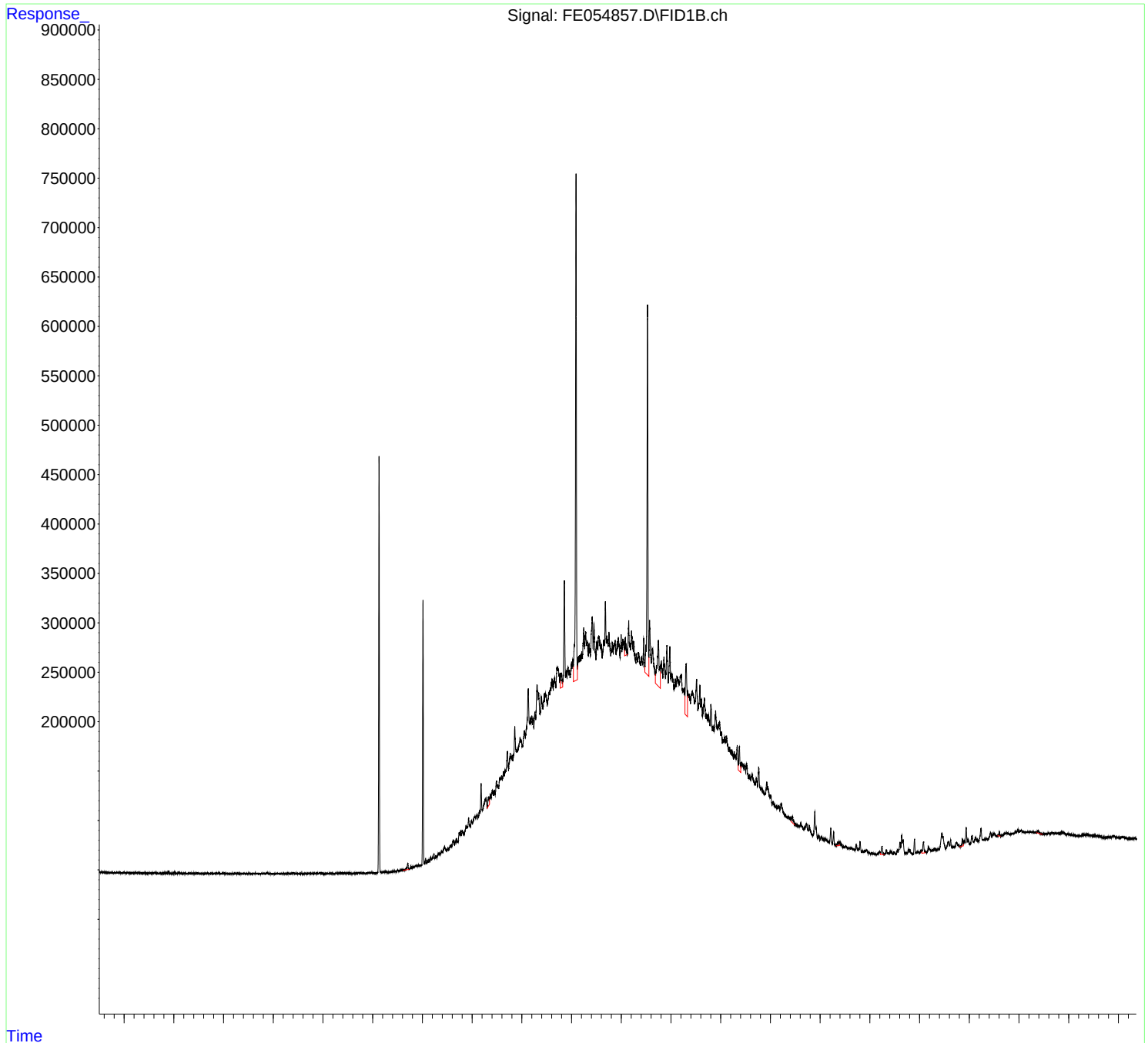
(m)=manual int.

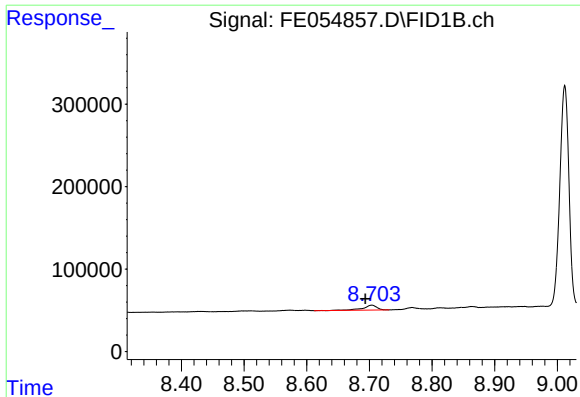
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071525AL\
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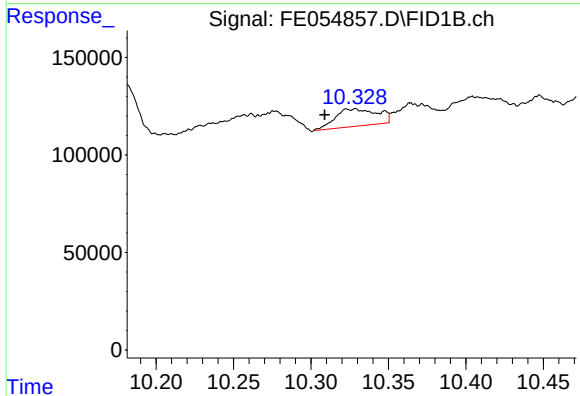




#6 n-Tetradecane (C14)

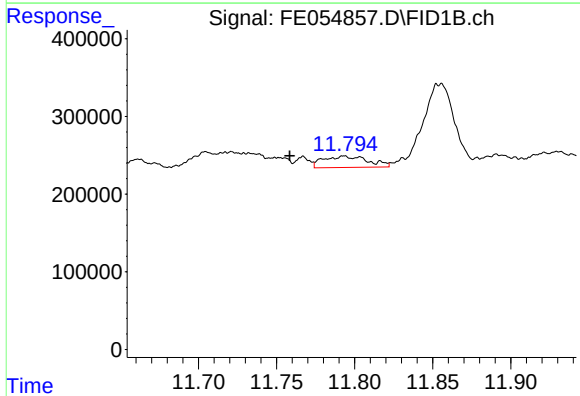
R.T.: 8.704 min
Delta R.T.: 0.010 min
Response: 94718
Conc: 0.68 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT-26899



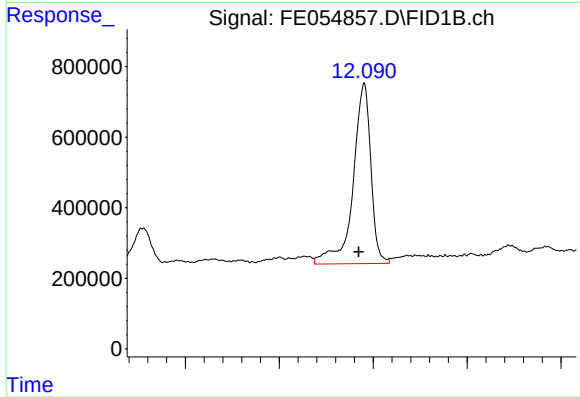
#7 n-Hexadecane (C16)

R.T.: 10.327 min
Delta R.T.: 0.018 min
Response: 166491
Conc: 1.17 ug/ml



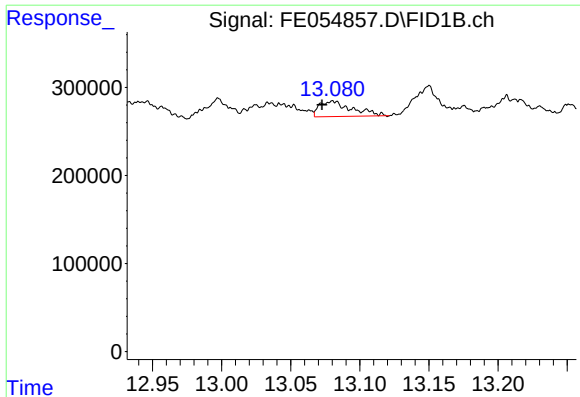
#8 n-Octadecane (C18)

R.T.: 11.793 min
Delta R.T.: 0.035 min
Response: 290777
Conc: 1.98 ug/ml



#9 ortho-Terphenyl (SURR)

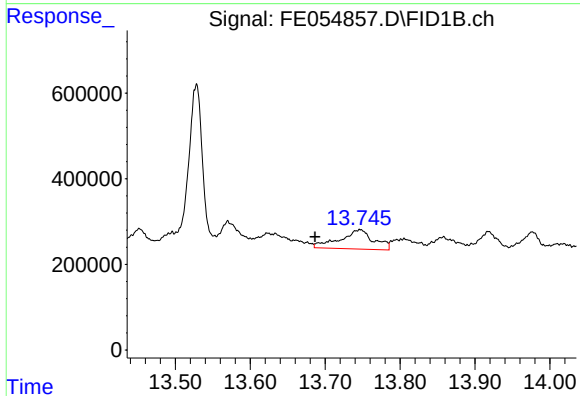
R.T.: 12.090 min
Delta R.T.: 0.005 min
Response: 6732831
Conc: 41.46 ug/ml



#10 n-Eicosane (C20)

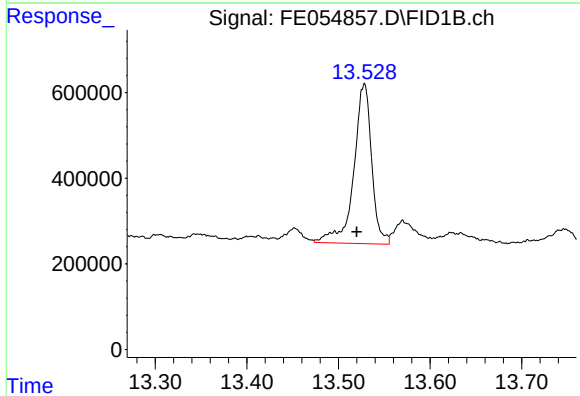
R.T.: 13.080 min
Delta R.T.: 0.007 min
Response: 283589
Conc: 1.97 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT-26899



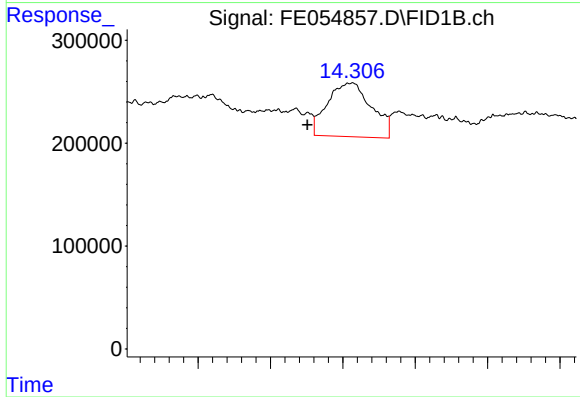
#11 n-Heneicosane (C21)

R.T.: 13.746 min
Delta R.T.: 0.060 min
Response: 1407122
Conc: 9.85 ug/ml



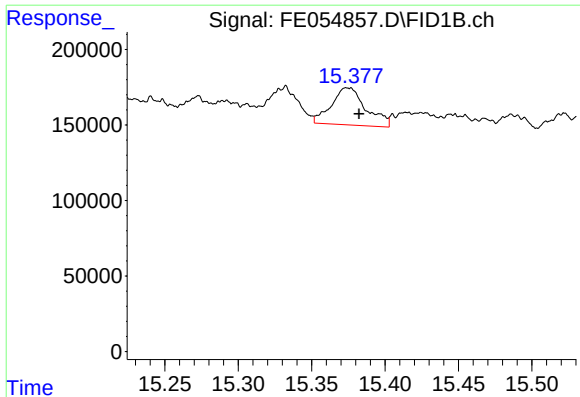
#12 1-chlorooctadecane (SURR)

R.T.: 13.528 min
Delta R.T.: 0.008 min
Response: 5061887
Conc: 40.08 ug/ml



#13 n-Docosane (C22)

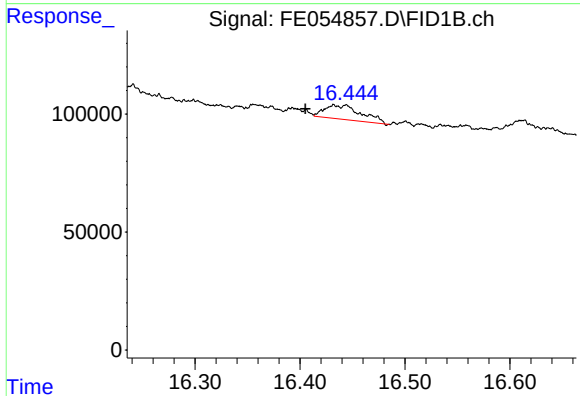
R.T.: 14.305 min
Delta R.T.: 0.030 min
Response: 1104175
Conc: 7.73 ug/ml



#14 n-Tetracosane (C24)

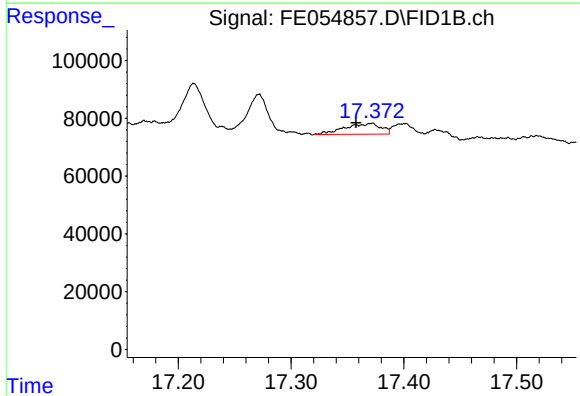
R.T.: 15.375 min
Delta R.T.: -0.008 min
Response: 404851
Conc: 2.79 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT-26899



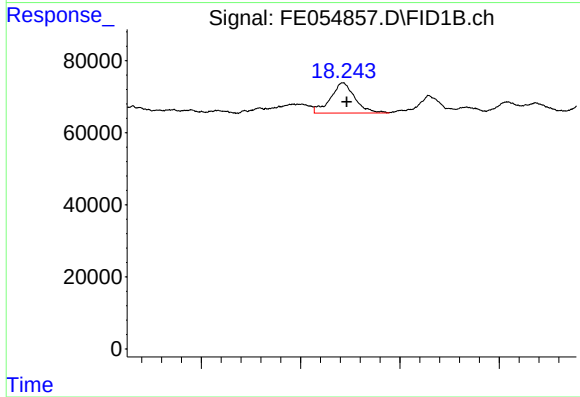
#15 n-Hexacosane (C26)

R.T.: 16.433 min
Delta R.T.: 0.027 min
Response: 145791
Conc: 1.01 ug/ml



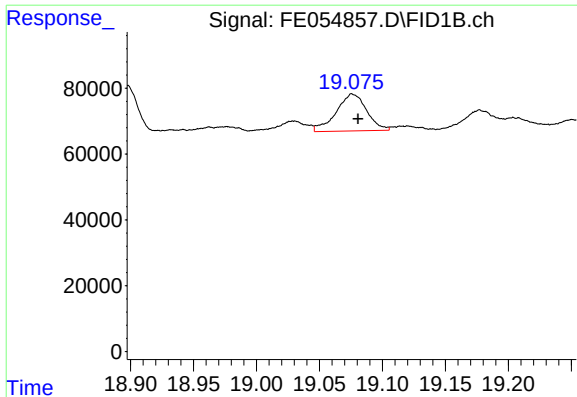
#16 n-Octacosane (C28)

R.T.: 17.371 min
Delta R.T.: 0.013 min
Response: 83536
Conc: 0.57 ug/ml



#17 n-Tricontane (C30)

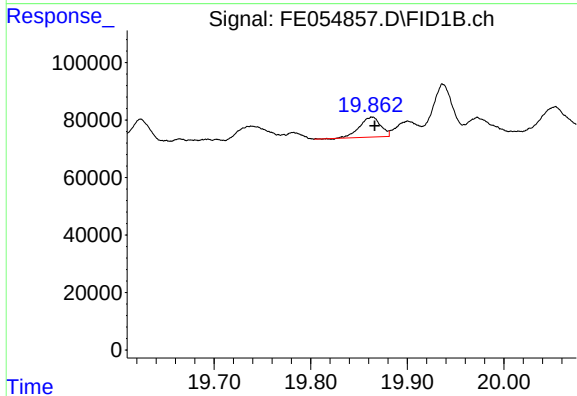
R.T.: 18.243 min
Delta R.T.: -0.004 min
Response: 143459
Conc: 0.91 ug/ml



#18 n-Dotriacontane (C32)

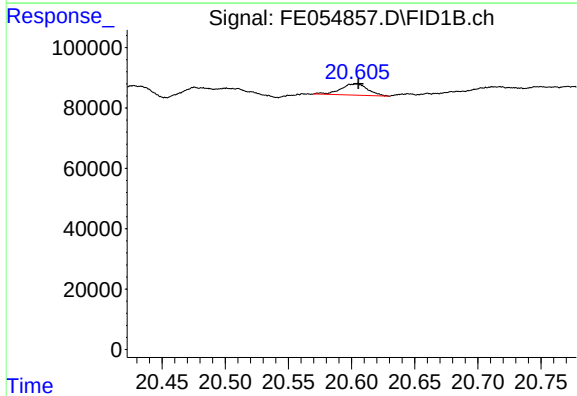
R.T.: 19.077 min
Delta R.T.: -0.004 min
Response: 189431
Conc: 1.17 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT-26899



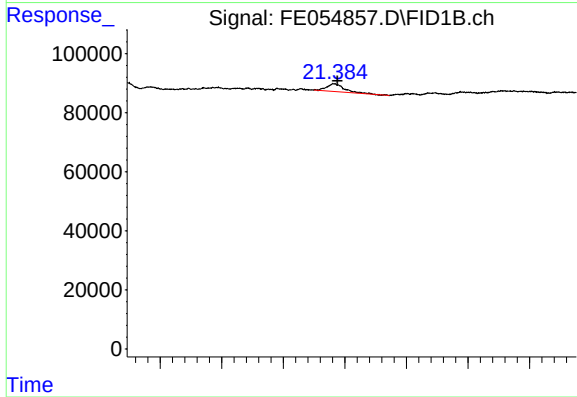
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: -0.003 min
Response: 105785
Conc: 0.69 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.603 min
Delta R.T.: -0.002 min
Response: 55910
Conc: 0.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.383 min
Delta R.T.: -0.005 min
Response: 52231
Conc: 0.45 ug/ml