

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071525AL\
 Data File : FE054856.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2025 17:55
 Operator : YP\AJ
 Sample : Q2597-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CHRT-26899

Integration File: autoint1.e
 Quant Time: Jul 16 04:07:36 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)	12.091	7229051	44.516 ug/ml
Spiked Amount 50.000		Recovery =	89.03%
12) S 1-chlorooctadecane (S...	13.528	4862835	38.504 ug/ml
Spiked Amount 50.000		Recovery =	77.01%
Target Compounds			
6) T n-Tetradecane (C14)	8.705	95063	0.686 ug/ml
7) T n-Hexadecane (C16)	10.328	152156	1.068 ug/ml
8) T n-Octadecane (C18)	11.796	348973	2.381 ug/ml
10) T n-Eicosane (C20)	13.075	246117	1.712 ug/ml
11) T n-Heneicosane (C21)	13.634f	884182	6.190 ug/ml
13) T n-Docosane (C22)	14.303	1103792	7.730 ug/ml
14) T n-Tetracosane (C24)	15.374	392893	2.703 ug/ml
15) T n-Hexacosane (C26)	16.402	38338	0.265 ug/ml
16) T n-Octacosane (C28)	17.374	93364	0.641 ug/ml
17) T n-Tricontane (C30)	18.243	118344	0.751 ug/ml
18) T n-Dotriacontane (C32)	19.076	176725	1.092 ug/ml
19) T n-Tetratriacontane (C34)	19.863	92177	0.605 ug/ml
20) T n-Hexatriacontane (C36)	20.602	47019	0.350 ug/ml
21) T n-Octatriacontane (C38)	21.380	91933	0.784 ug/ml

(f)=RT Delta > 1/2 Window

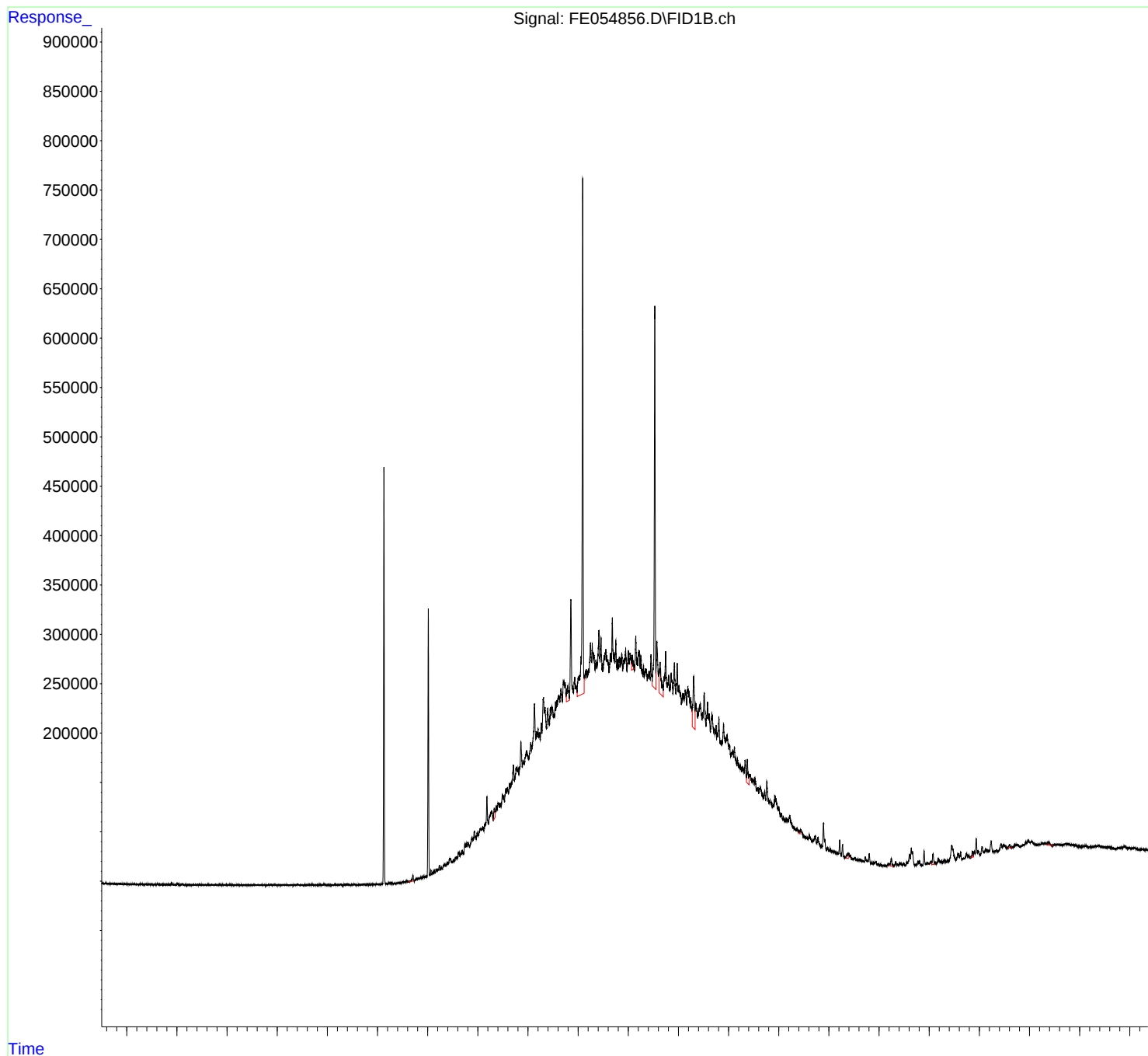
(m)=manual int.

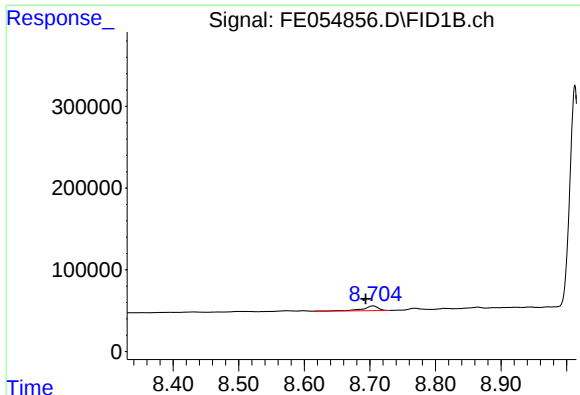
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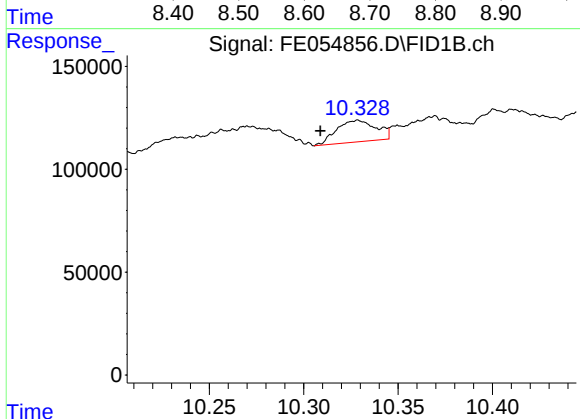




#6 n-Tetradecane (C14)

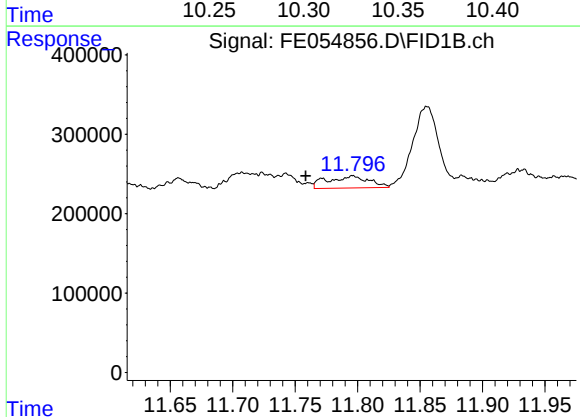
R.T.: 8.705 min
Delta R.T.: 0.011 min
Response: 95063
Conc: 0.69 ug/ml

Instrument :
FID_E
ClientSampleId :
CHRT-26899



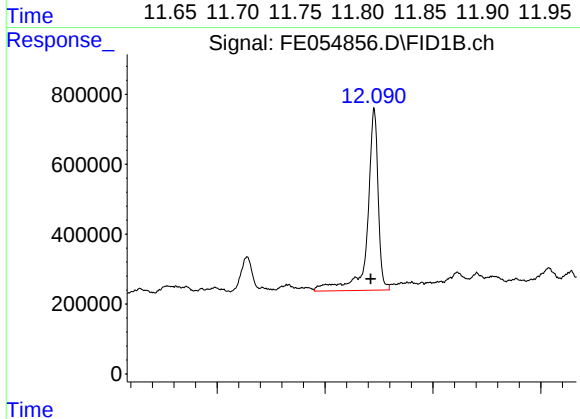
#7 n-Hexadecane (C16)

R.T.: 10.328 min
Delta R.T.: 0.020 min
Response: 152156
Conc: 1.07 ug/ml



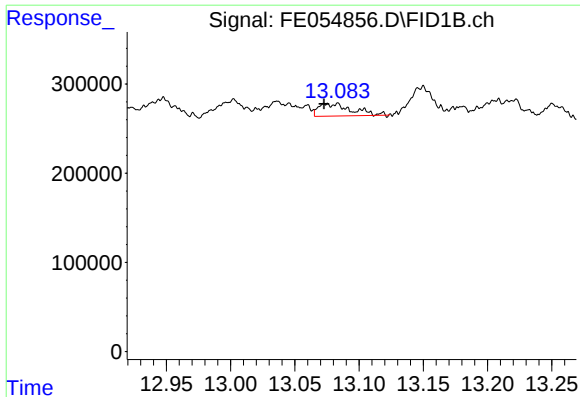
#8 n-Octadecane (C18)

R.T.: 11.796 min
Delta R.T.: 0.038 min
Response: 348973
Conc: 2.38 ug/ml



#9 ortho-Terphenyl (SURR)

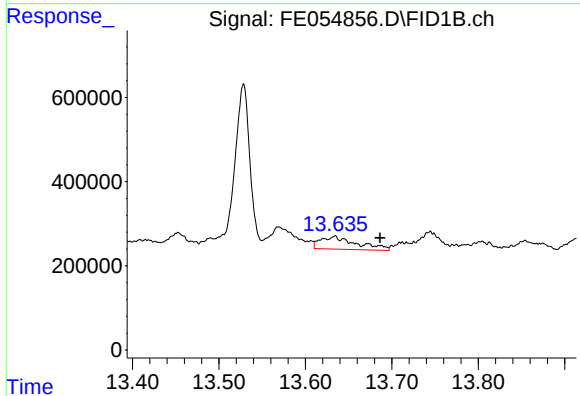
R.T.: 12.091 min
Delta R.T.: 0.006 min
Response: 7229051
Conc: 44.52 ug/ml



#10 n-Eicosane (C20)

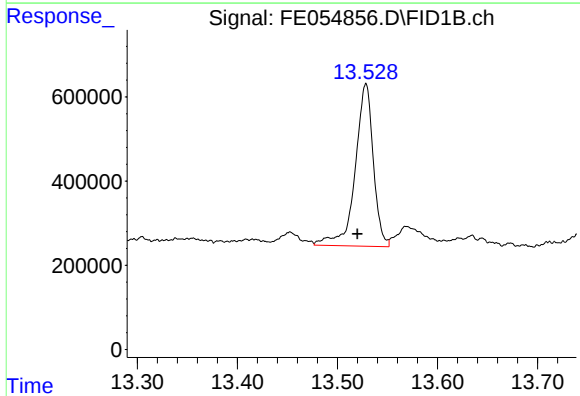
R.T.: 13.075 min
Delta R.T.: 0.002 min
Response: 246117
Conc: 1.71 ug/ml

Instrument :
FID_E
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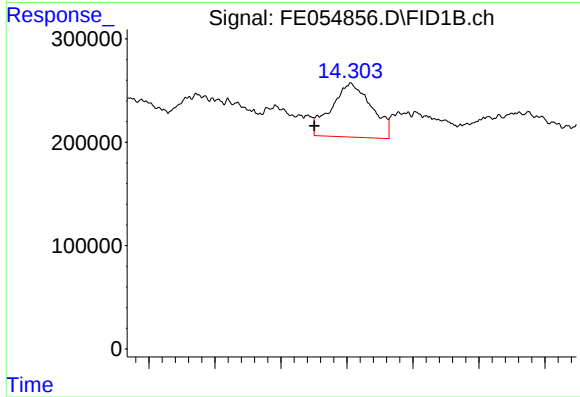
#11 n-Heneicosane (C21)

R.T.: 13.634 min
Delta R.T.: -0.053 min
Response: 884182
Conc: 6.19 ug/ml



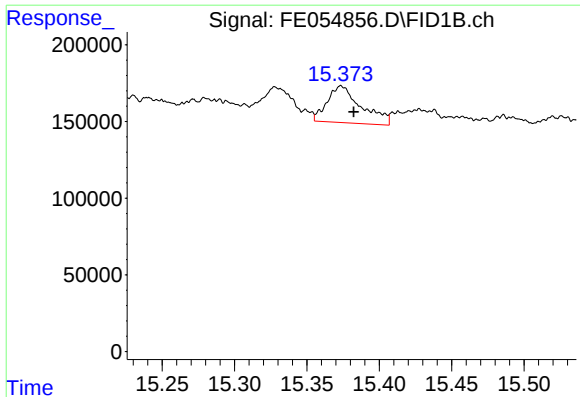
#12 1-chlorooctadecane (SURR)

R.T.: 13.528 min
Delta R.T.: 0.008 min
Response: 4862835
Conc: 38.50 ug/ml



#13 n-Docosane (C22)

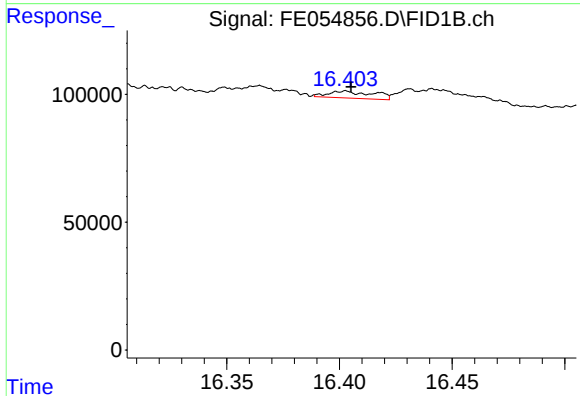
R.T.: 14.303 min
Delta R.T.: 0.027 min
Response: 1103792
Conc: 7.73 ug/ml



#14 n-Tetracosane (C24)

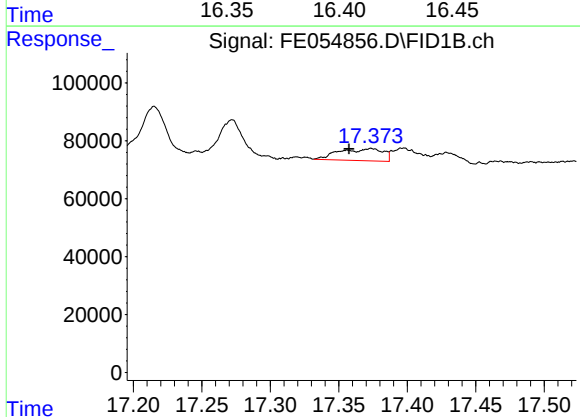
R.T.: 15.374 min
Delta R.T.: -0.009 min
Response: 392893
Conc: 2.70 ug/ml

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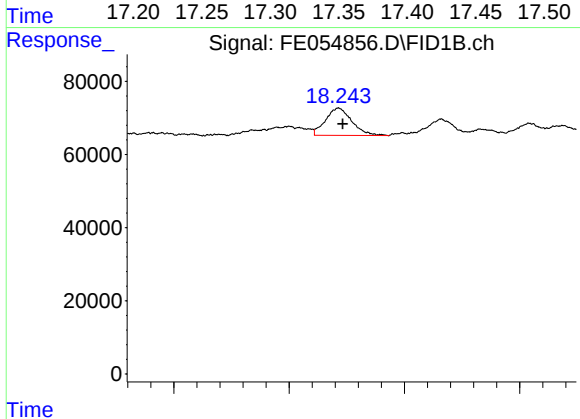
#15 n-Hexacosane (C26)

R.T.: 16.402 min
Delta R.T.: -0.003 min
Response: 38338
Conc: 0.26 ug/ml



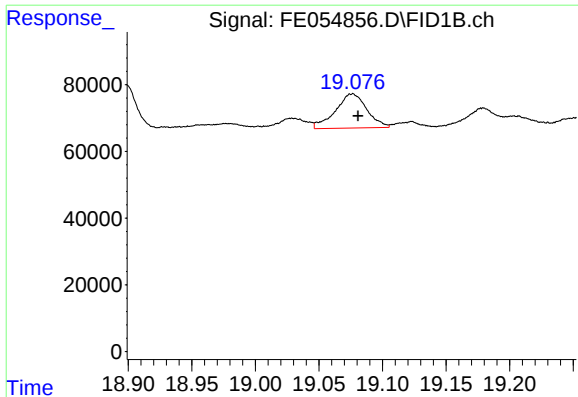
#16 n-Octacosane (C28)

R.T.: 17.374 min
Delta R.T.: 0.016 min
Response: 93364
Conc: 0.64 ug/ml



#17 n-Tricontane (C30)

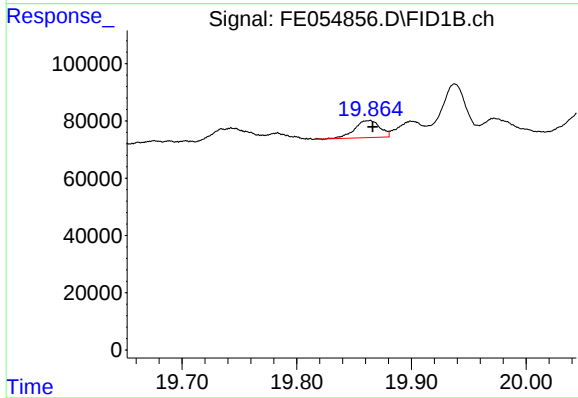
R.T.: 18.243 min
Delta R.T.: -0.004 min
Response: 118344
Conc: 0.75 ug/ml



#18 n-Dotriacontane (C32)

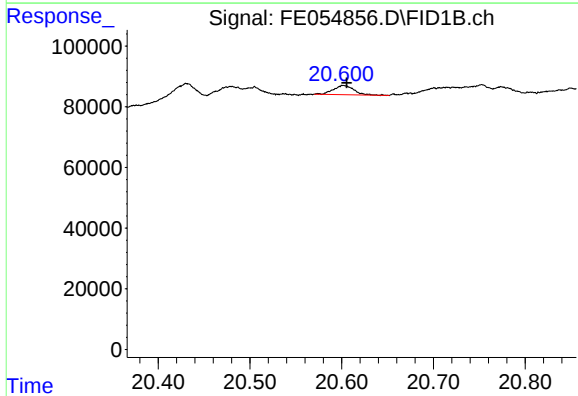
R.T.: 19.076 min
Delta R.T.: -0.004 min
Response: 176725
Conc: 1.09 ug/ml

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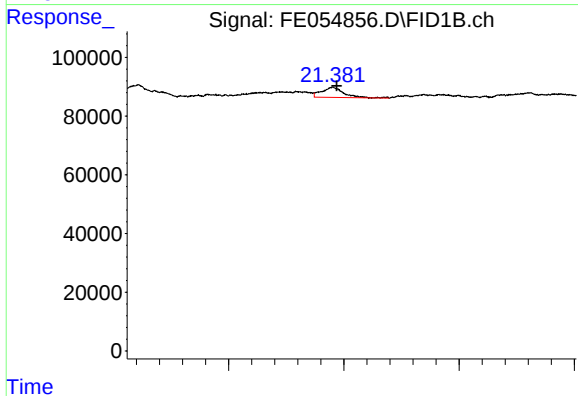
#19 n-Tetratriacontane (C34)

R.T.: 19.863 min
Delta R.T.: -0.004 min
Response: 92177
Conc: 0.60 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.602 min
Delta R.T.: -0.003 min
Response: 47019
Conc: 0.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.380 min
Delta R.T.: -0.007 min
Response: 91933
Conc: 0.78 ug/ml