

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070125AL\
 Data File : FE054662.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2025 17:44
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 I.BLK

Integration File: autoint1.e
 Quant Time: Jul 02 02:23:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.129f	17435	0.107 ug/ml
Spiked Amount 50.000		Recovery =	0.21%
12) S 1-chlorooctadecane (S...	13.465	23241	0.184 ug/ml
Spiked Amount 50.000		Recovery =	0.37%
Target Compounds			
14) T n-Tetracosane (C24)	15.368	48678	0.335 ug/ml
15) T n-Hexacosane (C26)	16.393	40037	0.277 ug/ml
16) T n-Octacosane (C28)	17.344	277658	1.905 ug/ml
17) T n-Tricontane (C30)	18.235	1110110	7.045 ug/ml
18) T n-Dotriacontane (C32)	19.069	2000973	12.368 ug/ml
19) T n-Tetratriacontane (C34)	19.853	1823262	11.964 ug/ml
20) T n-Hexatriacontane (C36)	20.594	1615670	12.016 ug/ml
21) T n-Octatriacontane (C38)	21.373	1265401	10.789 ug/ml
22) T n-Tetracontane (C40)	22.360	819122	7.558 ug/ml

(f)=RT Delta > 1/2 Window

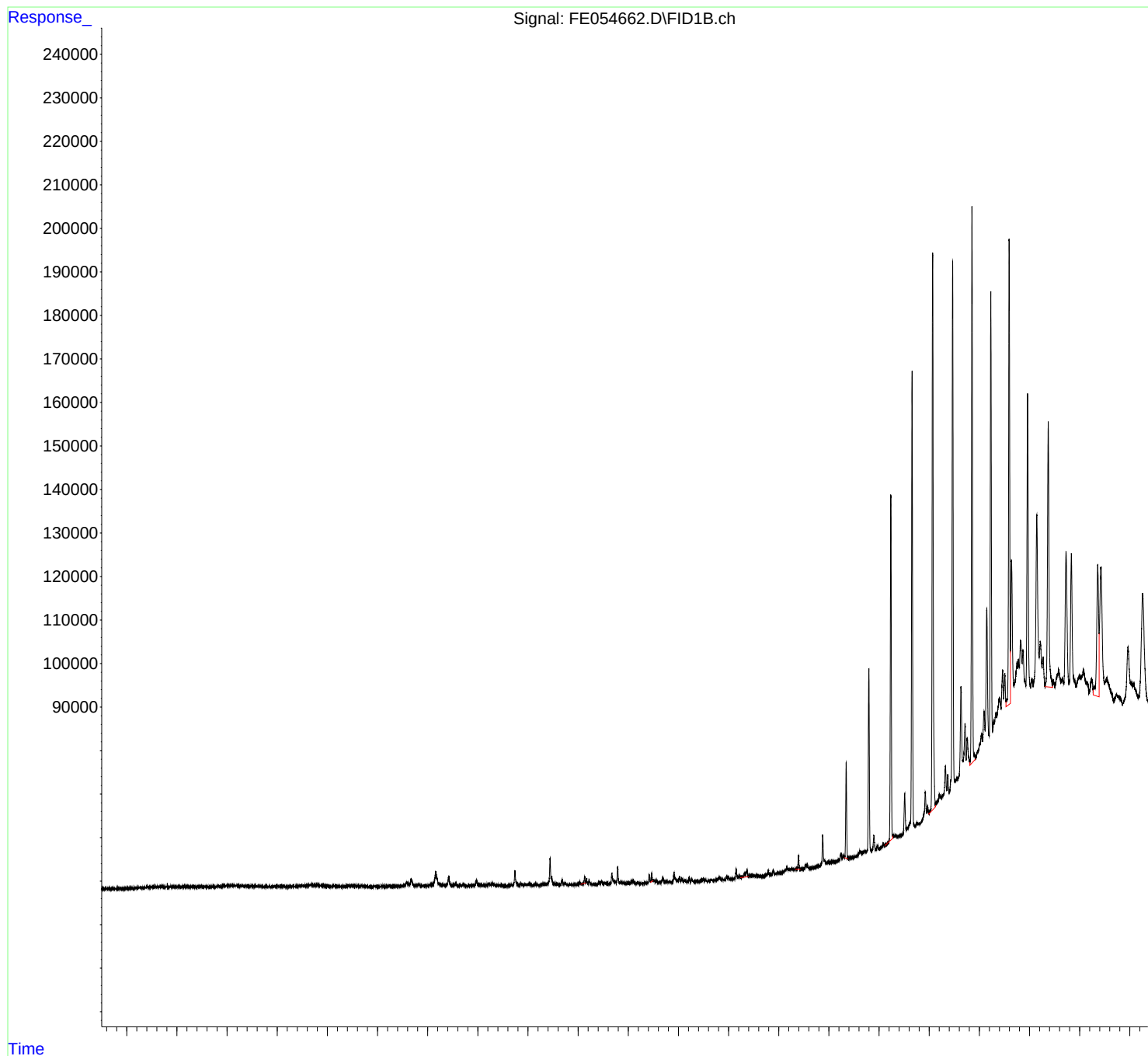
(m)=manual int.

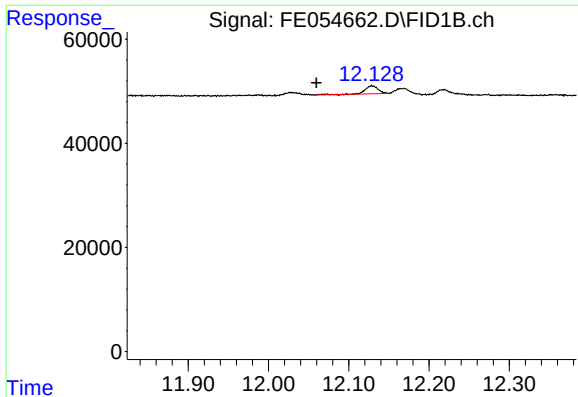
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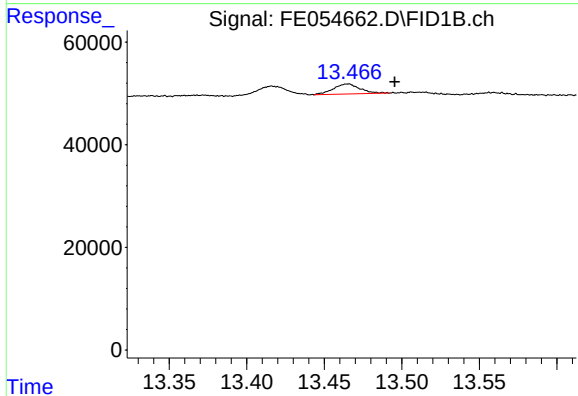




#9 ortho-Terphenyl (SURR)

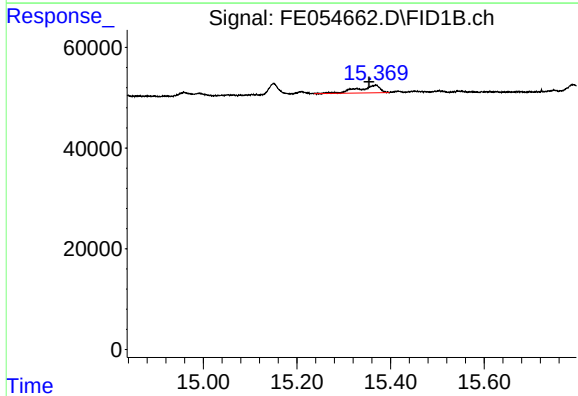
R.T.: 12.129 min
Delta R.T.: 0.069 min
Response: 17435
Conc: 0.11 ug/ml

Instrument :
FID_E
ClientSampleId :
I.BLK



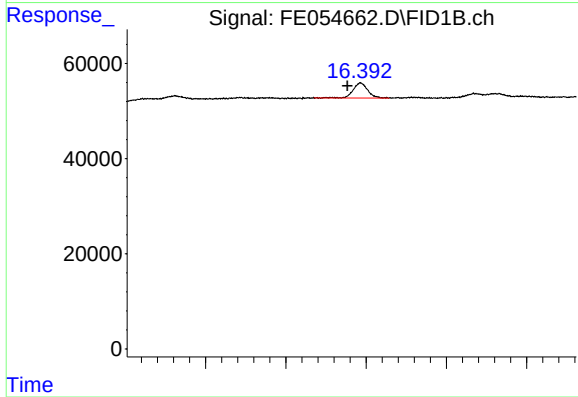
#12 1-chlorooctadecane (SURR)

R.T.: 13.465 min
Delta R.T.: -0.031 min
Response: 23241
Conc: 0.18 ug/ml



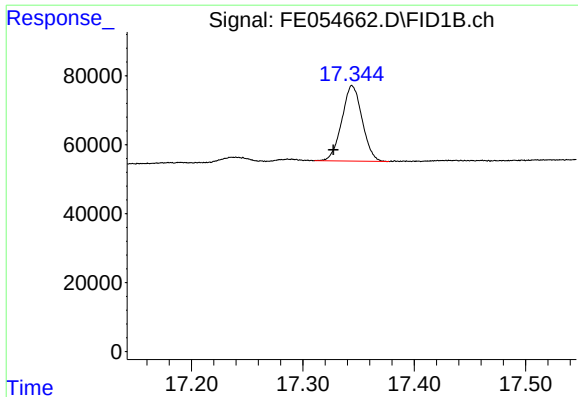
#14 n-Tetracosane (C24)

R.T.: 15.368 min
Delta R.T.: 0.014 min
Response: 48678
Conc: 0.33 ug/ml



#15 n-Hexacosane (C26)

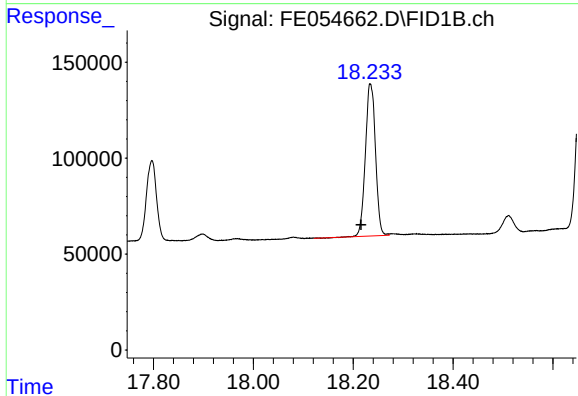
R.T.: 16.393 min
Delta R.T.: 0.017 min
Response: 40037
Conc: 0.28 ug/ml



#16 n-Octacosane (C28)

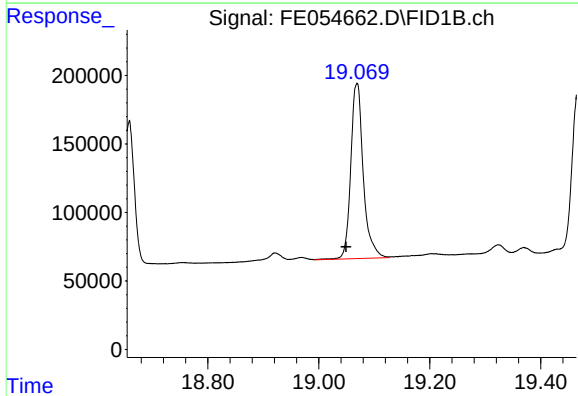
R.T.: 17.344 min
Delta R.T.: 0.017 min
Response: 277658
Conc: 1.91 ug/ml

Instrument :
FID_E
ClientSampleId :
I.BLK



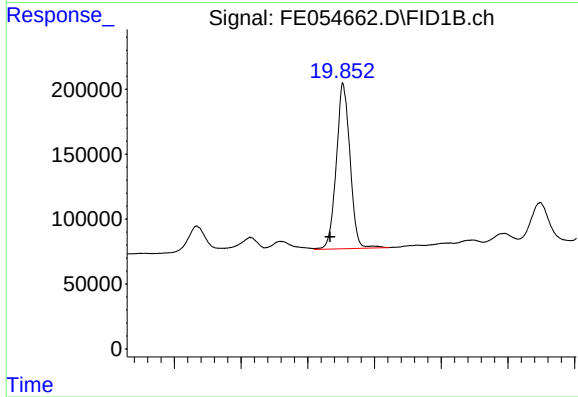
#17 n-Tricontane (C30)

R.T.: 18.235 min
Delta R.T.: 0.019 min
Response: 1110110
Conc: 7.04 ug/ml



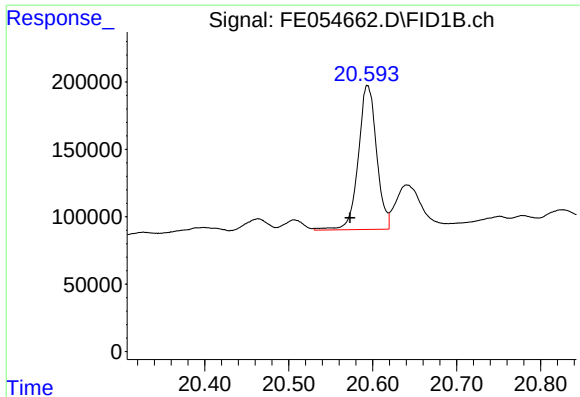
#18 n-Dotriacontane (C32)

R.T.: 19.069 min
Delta R.T.: 0.020 min
Response: 2000973
Conc: 12.37 ug/ml



#19 n-Tetratriacontane (C34)

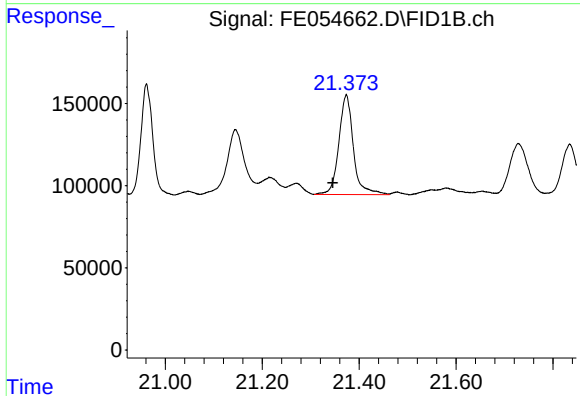
R.T.: 19.853 min
Delta R.T.: 0.020 min
Response: 1823262
Conc: 11.96 ug/ml



#20 n-Hexatriacontane (C36)

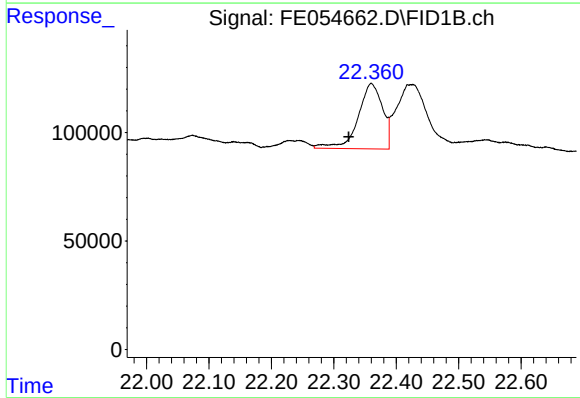
R.T.: 20.594 min
Delta R.T.: 0.021 min
Response: 1615670
Conc: 12.02 ug/ml

Instrument :
FID_E
ClientSampleId :
I.BLK



#21 n-Octatriacontane (C38)

R.T.: 21.373 min
Delta R.T.: 0.028 min
Response: 1265401
Conc: 10.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.360 min
Delta R.T.: 0.036 min
Response: 819122
Conc: 7.56 ug/ml