

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
 Data File : FE054919.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2025 10:10
 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 18 23:09:07 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)	12.042	72448	0.446 ug/ml
Spiked Amount 50.000		Recovery =	0.89%
Target Compounds			
8) T n-Octadecane (C18)	11.736	103553	0.707 ug/ml
10) T n-Eicosane (C20)	13.074	106998	0.744 ug/ml
11) T n-Heneicosane (C21)	13.691	115632	0.810 ug/ml
13) T n-Docosane (C22)	14.281	112566	0.788 ug/ml
14) T n-Tetracosane (C24)	15.384	132500	0.911 ug/ml
15) T n-Hexacosane (C26)	16.411	80318	0.555 ug/ml
16) T n-Octacosane (C28)	17.363	121303	0.832 ug/ml
17) T n-Tricontane (C30)	18.253	250862	1.592 ug/ml
18) T n-Dotriacontane (C32)	19.087	227338	1.405 ug/ml
19) T n-Tetratriacontane (C34)	19.872	156467	1.027 ug/ml
20) T n-Hexatriacontane (C36)	20.614	129239	0.961 ug/ml
21) T n-Octatriacontane (C38)	21.397	216823	1.849 ug/ml
22) T n-Tetracontane (C40)	22.389	78402	0.723 ug/ml

(f)=RT Delta > 1/2 Window

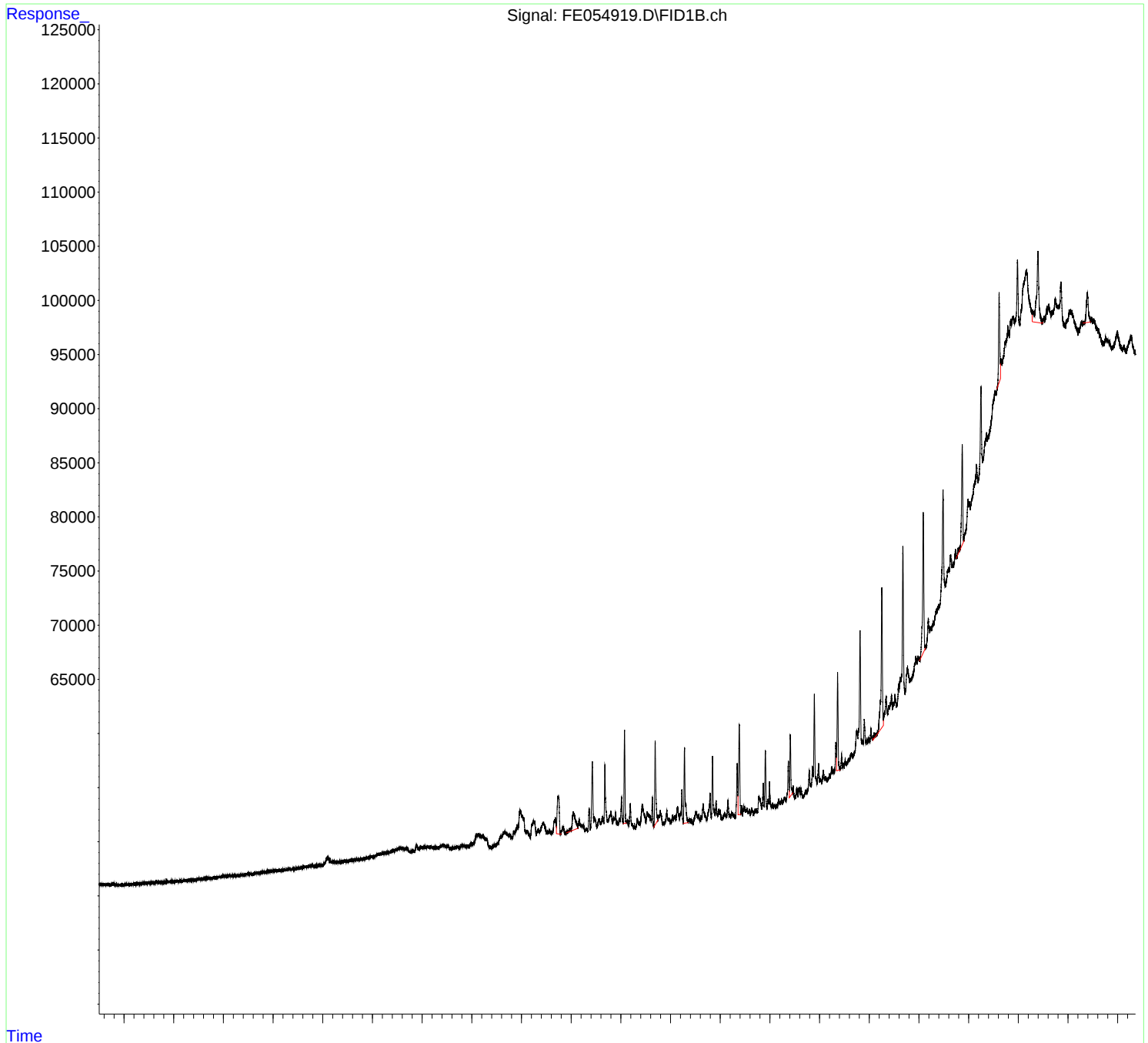
(m)=manual int.

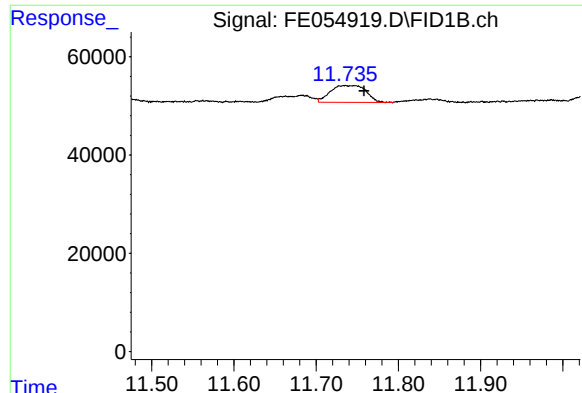
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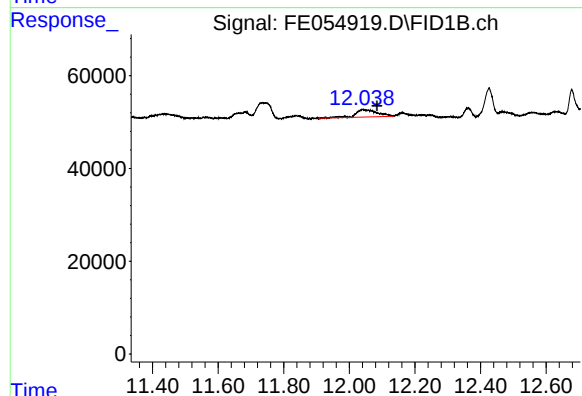




#8 n-Octadecane (C18)

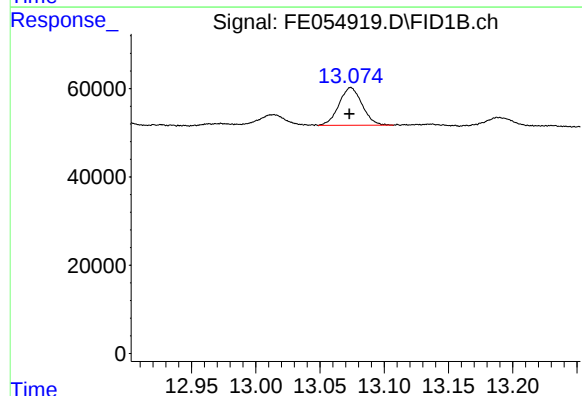
R.T.: 11.736 min
Delta R.T.: -0.023 min
Response: 103553
Conc: 0.71 ug/ml

Instrument :
FID_E
ClientSampleId :
I.BLK



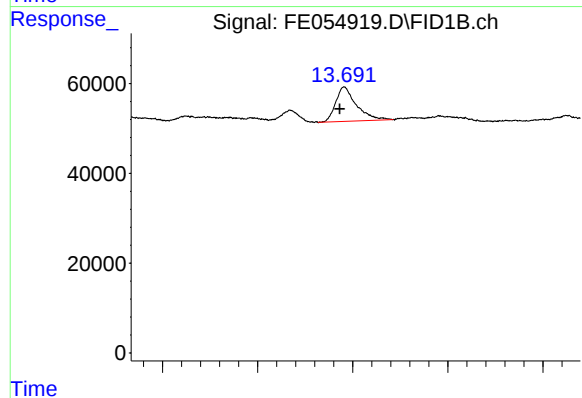
#9 ortho-Terphenyl (SURR)

R.T.: 12.042 min
Delta R.T.: -0.043 min
Response: 72448
Conc: 0.45 ug/ml



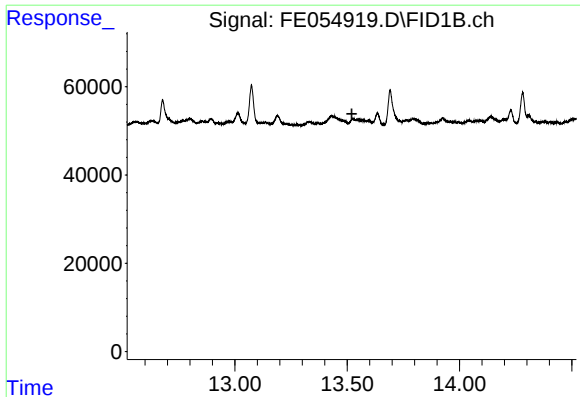
#10 n-Eicosane (C20)

R.T.: 13.074 min
Delta R.T.: 0.001 min
Response: 106998
Conc: 0.74 ug/ml



#11 n-Heneicosane (C21)

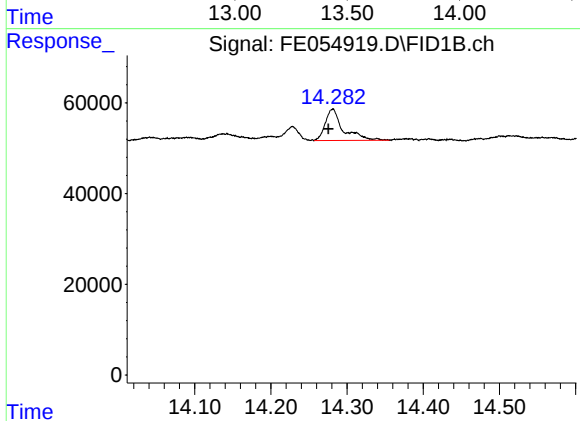
R.T.: 13.691 min
Delta R.T.: 0.005 min
Response: 115632
Conc: 0.81 ug/ml



#12 1-chlorooctadecane (SURR)

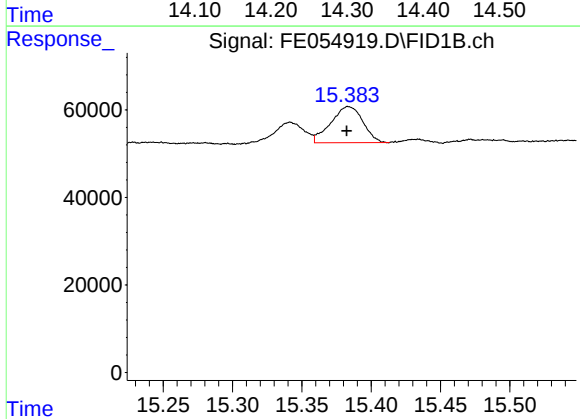
R.T.: 0.000 min
Exp R.T.: 13.520 min
Response: 0
Conc: N.D.

Instrument :
FID_E
ClientSampleId :
I.BLK



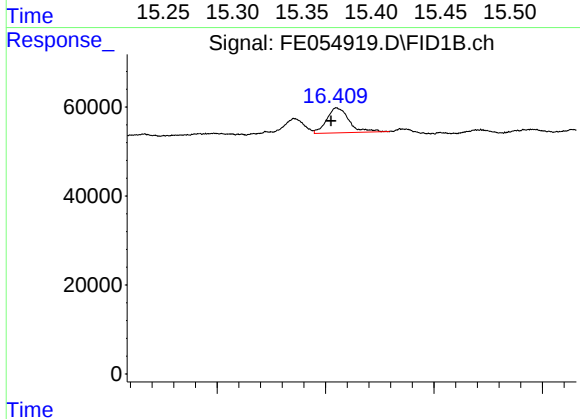
#13 n-Docosane (C22)

R.T.: 14.281 min
Delta R.T.: 0.006 min
Response: 112566
Conc: 0.79 ug/ml



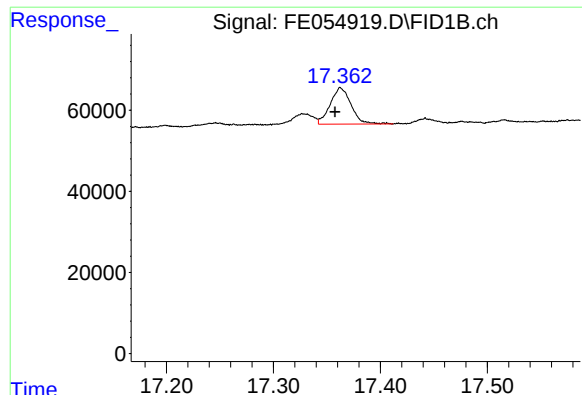
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: 0.001 min
Response: 132500
Conc: 0.91 ug/ml



#15 n-Hexacosane (C26)

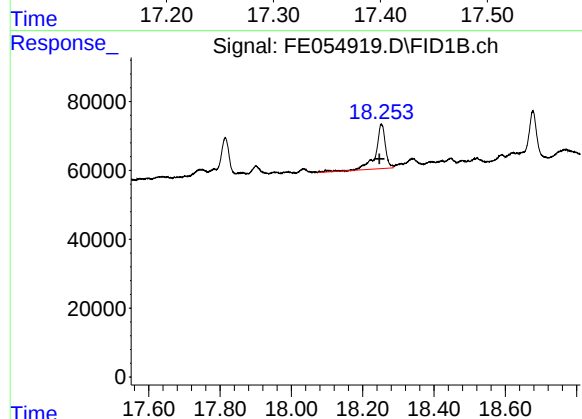
R.T.: 16.411 min
Delta R.T.: 0.006 min
Response: 80318
Conc: 0.56 ug/ml



#16 n-Octacosane (C28)

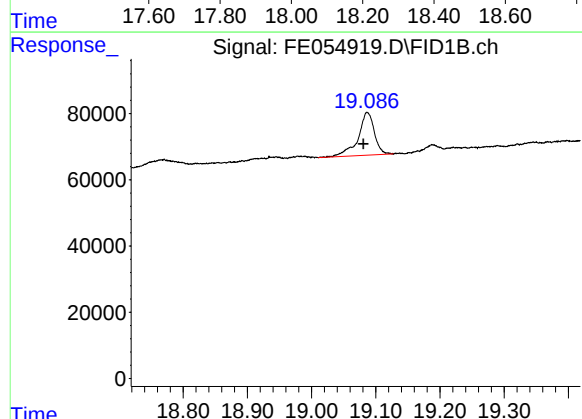
R.T.: 17.363 min
Delta R.T.: 0.006 min
Response: 121303
Conc: 0.83 ug/ml

Instrument :
FID_E
ClientSampleId :
I.BLK



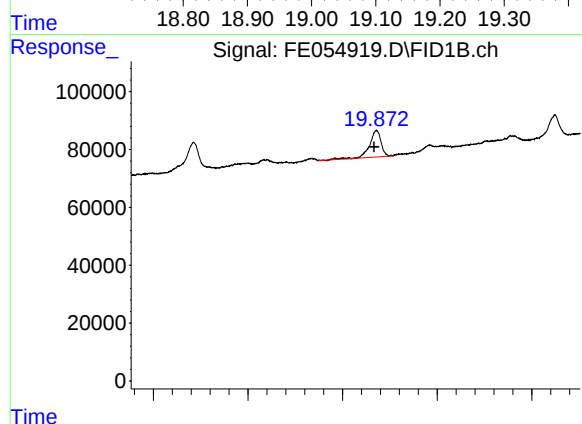
#17 n-Tricontane (C30)

R.T.: 18.253 min
Delta R.T.: 0.006 min
Response: 250862
Conc: 1.59 ug/ml



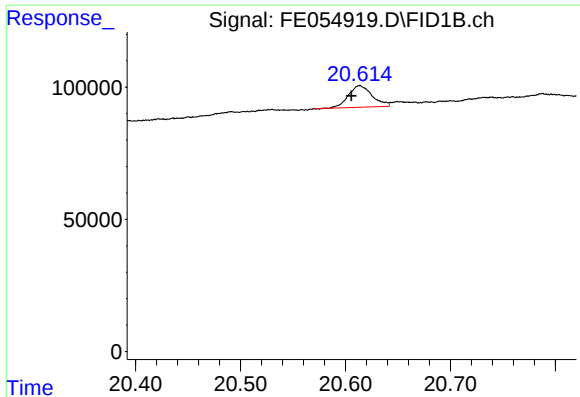
#18 n-Dotriacontane (C32)

R.T.: 19.087 min
Delta R.T.: 0.006 min
Response: 227338
Conc: 1.41 ug/ml



#19 n-Tetratriacontane (C34)

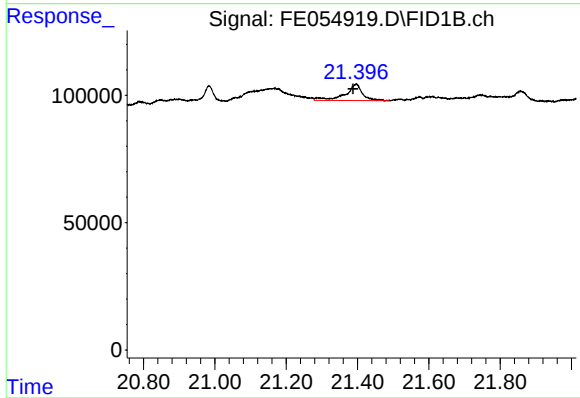
R.T.: 19.872 min
Delta R.T.: 0.005 min
Response: 156467
Conc: 1.03 ug/ml



#20 n-Hexatriacontane (C36)

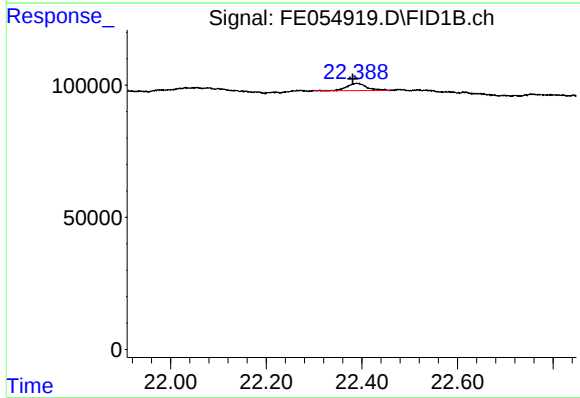
R.T.: 20.614 min
Delta R.T.: 0.008 min
Response: 129239
Conc: 0.96 ug/ml

Instrument :
FID_E
ClientSampleId :
I.BLK



#21 n-Octatriacontane (C38)

R.T.: 21.397 min
Delta R.T.: 0.009 min
Response: 216823
Conc: 1.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.389 min
Delta R.T.: 0.008 min
Response: 78402
Conc: 0.72 ug/ml