

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071625AL\
 Data File : FE054871.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2025 09:21
 Operator : YP\AJ
 Sample : Q2597-02DL 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 16 12:22:48 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	3107503	19.136 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
12) S 1-chlorooctadecane (S...	13.522	2318650	18.359 ug/ml
Spiked Amount 50.000		Recovery =	36.72%
Target Compounds			
7) T n-Hexadecane (C16)	10.325	14896	0.105 ug/ml
8) T n-Octadecane (C18)	11.773	122426	0.835 ug/ml
10) T n-Eicosane (C20)	13.099	18679	0.130 ug/ml
11) T n-Heneicosane (C21)	13.739f	160382	1.123 ug/ml
13) T n-Docosane (C22)	14.301	336361	2.356 ug/ml
14) T n-Tetracosane (C24)	15.372	40850	0.281 ug/ml
16) T n-Octacosane (C28)	17.354	44991	0.309 ug/ml
17) T n-Tricontane (C30)	18.243	116063	0.737 ug/ml
18) T n-Dotriacontane (C32)	19.078	172896	1.069 ug/ml
19) T n-Tetratriacontane (C34)	19.862	140304	0.921 ug/ml
20) T n-Hexatriacontane (C36)	20.604	111322	0.828 ug/ml
21) T n-Octatriacontane (C38)	21.383	312356	2.663 ug/ml
22) T n-Tetracontane (C40)	22.371	41483	0.383 ug/ml

(f)=RT Delta > 1/2 Window

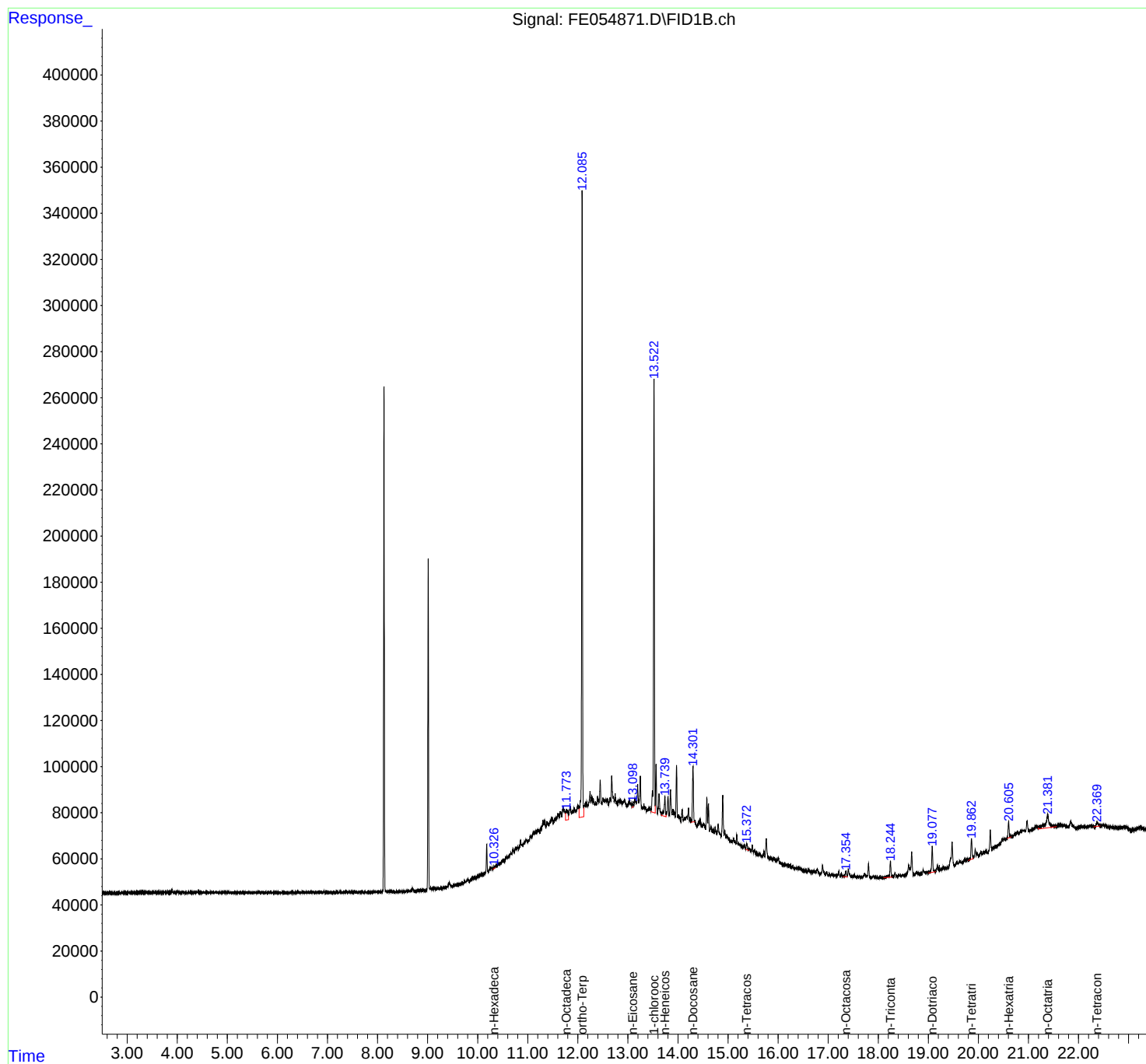
(m)=manual int.

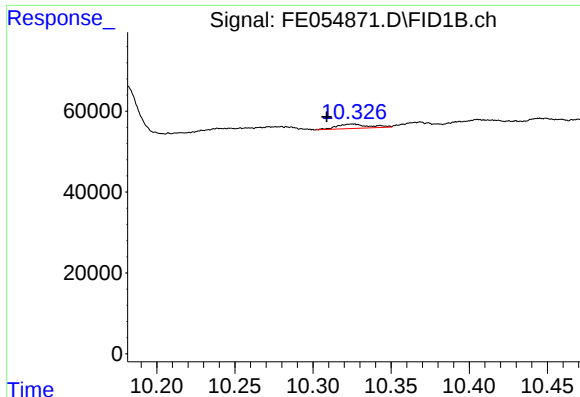
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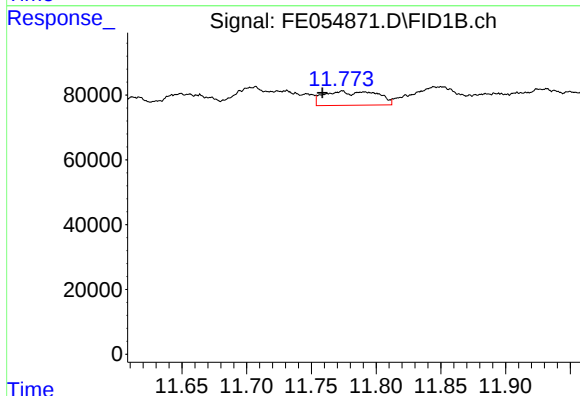




#7 n-Hexadecane (C16)

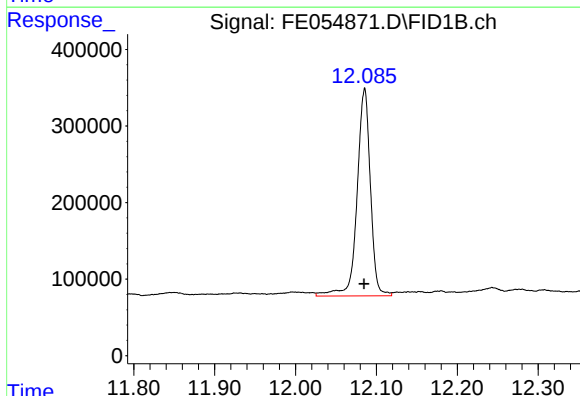
R.T.: 10.325 min
Delta R.T.: 0.016 min
Response: 14896
Conc: 0.10 ug/ml

Instrument :
FID_E
ClientSampleId :



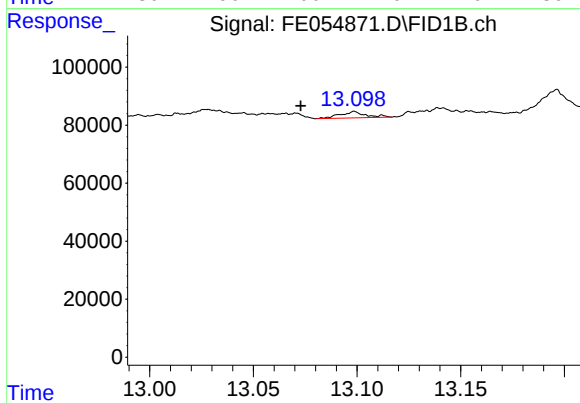
#8 n-Octadecane (C18)

R.T.: 11.773 min
Delta R.T.: 0.015 min
Response: 122426
Conc: 0.84 ug/ml



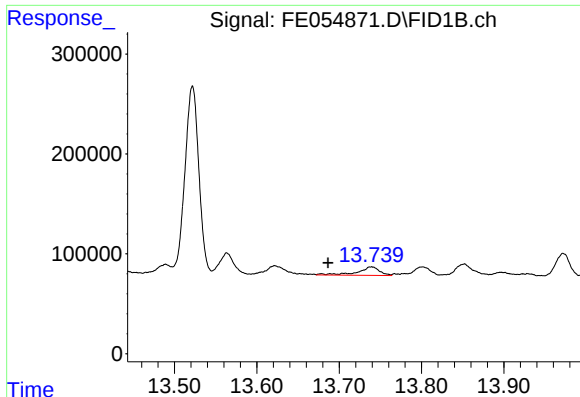
#9 ortho-Terphenyl (SURR)

R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 3107503
Conc: 19.14 ug/ml



#10 n-Eicosane (C20)

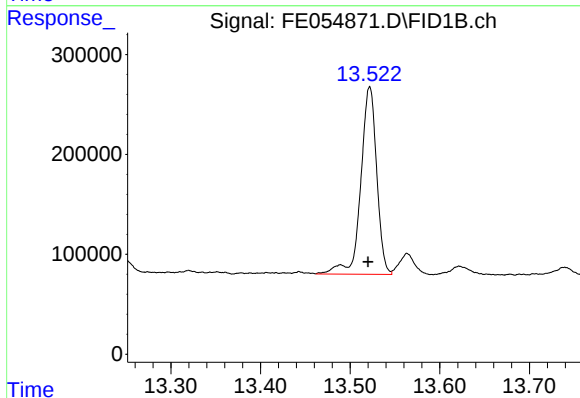
R.T.: 13.099 min
Delta R.T.: 0.026 min
Response: 18679
Conc: 0.13 ug/ml



#11 n-Heneicosane (C21)

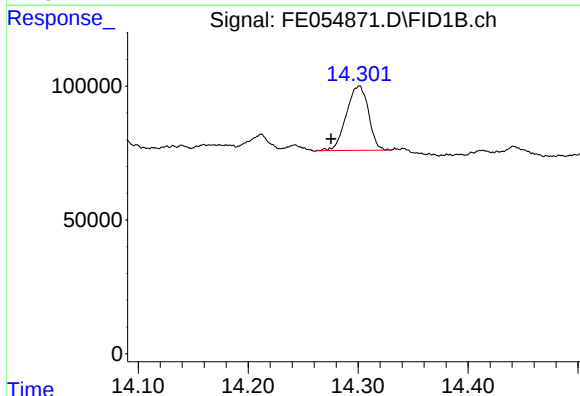
R.T.: 13.739 min
Delta R.T.: 0.053 min
Response: 160382
Conc: 1.12 ug/ml

Instrument :
FID_E
ClientSampleId :



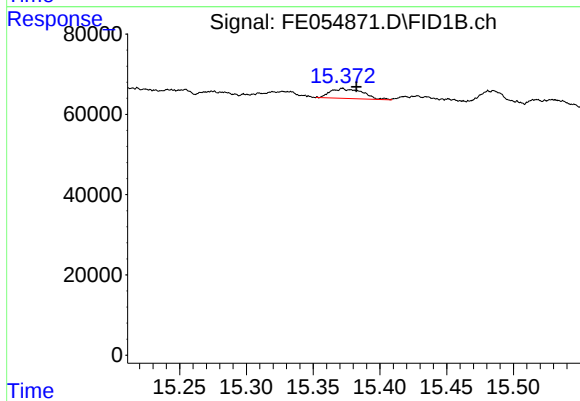
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 2318650
Conc: 18.36 ug/ml



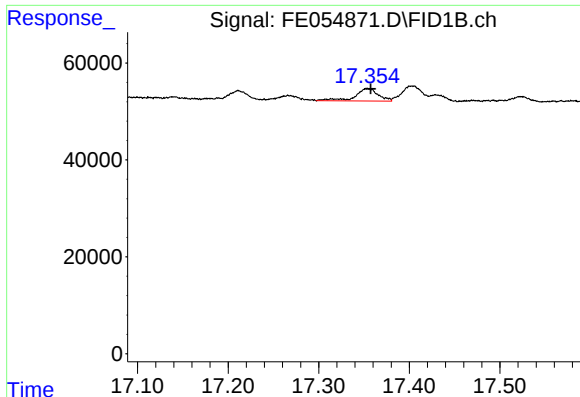
#13 n-Docosane (C22)

R.T.: 14.301 min
Delta R.T.: 0.025 min
Response: 336361
Conc: 2.36 ug/ml



#14 n-Tetracosane (C24)

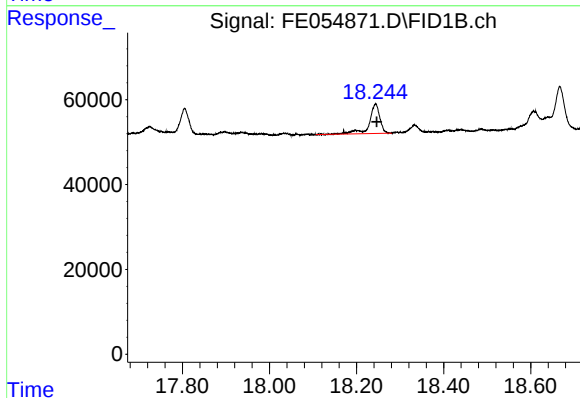
R.T.: 15.372 min
Delta R.T.: -0.010 min
Response: 40850
Conc: 0.28 ug/ml



#16 n-Octacosane (C28)

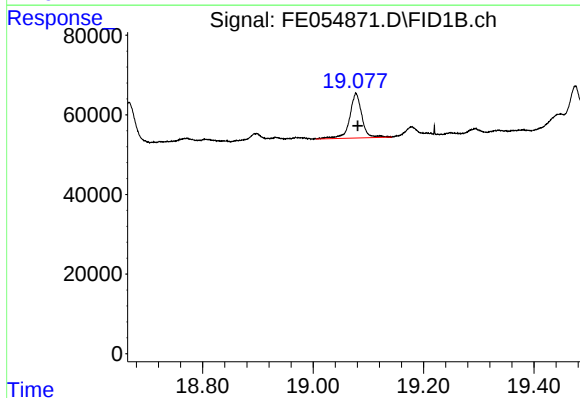
R.T.: 17.354 min
Delta R.T.: -0.004 min
Response: 44991
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :



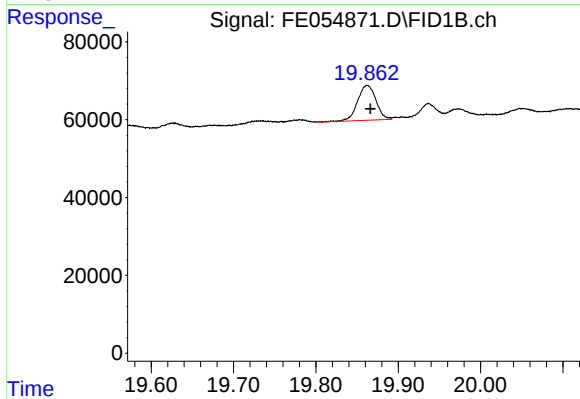
#17 n-Tricontane (C30)

R.T.: 18.243 min
Delta R.T.: -0.003 min
Response: 116063
Conc: 0.74 ug/ml



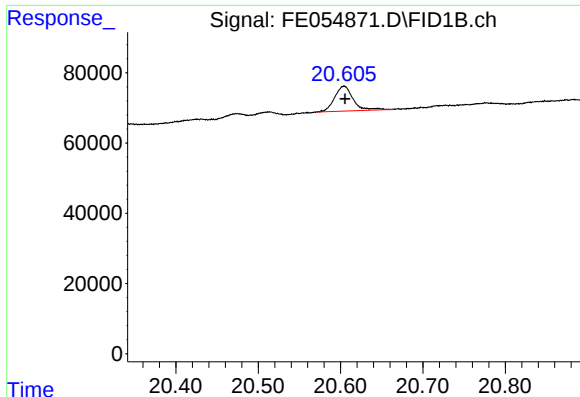
#18 n-Dotriacontane (C32)

R.T.: 19.078 min
Delta R.T.: -0.003 min
Response: 172896
Conc: 1.07 ug/ml



#19 n-Tetratriacontane (C34)

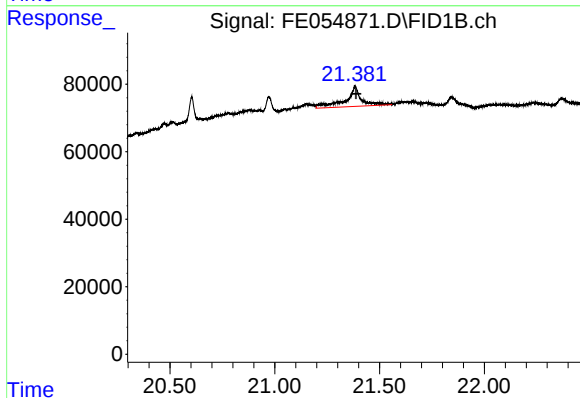
R.T.: 19.862 min
Delta R.T.: -0.004 min
Response: 140304
Conc: 0.92 ug/ml



#20 n-Hexatriacontane (C36)

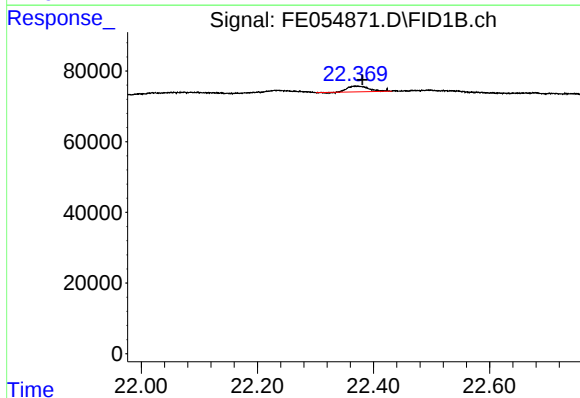
R.T.: 20.604 min
Delta R.T.: -0.001 min
Response: 111322
Conc: 0.83 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.383 min
Delta R.T.: -0.004 min
Response: 312356
Conc: 2.66 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.371 min
Delta R.T.: -0.010 min
Response: 41483
Conc: 0.38 ug/ml