

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055172.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2025 11:23
 Operator : YP\AJ
 Sample : Q2774-07DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT3826DL

Integration File: autoint1.e
 Quant Time: Aug 08 01:03:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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	1758702	12.316 ug/ml
Spiked Amount 50.000		Recovery =	24.63%
12) S 1-chlorooctadecane (S...	13.521	1065015	9.905 ug/ml
Spiked Amount 50.000		Recovery =	19.81%
Target Compounds			
6) T n-Tetradecane (C14)	8.704	62438	0.509 ug/ml
7) T n-Hexadecane (C16)	10.324	34041	0.266 ug/ml
8) T n-Octadecane (C18)	11.746	312275	2.393 ug/ml
10) T n-Eicosane (C20)	13.078	151492	1.207 ug/ml
11) T n-Heneicosane (C21)	13.703	48051	0.390 ug/ml
13) T n-Docosane (C22)	14.296	31058	0.254 ug/ml
14) T n-Tetracosane (C24)	15.374	76513	0.629 ug/ml
15) T n-Hexacosane (C26)	16.465f	45628	0.381 ug/ml
16) T n-Octacosane (C28)	17.359	78534	0.662 ug/ml
17) T n-Tricontane (C30)	18.246	84998	0.691 ug/ml
18) T n-Dotriacontane (C32)	19.079	166625	1.366 ug/ml
19) T n-Tetratriacontane (C34)	19.866	28662	0.245 ug/ml
20) T n-Hexatriacontane (C36)	20.606	41052	0.376 ug/ml

(f)=RT Delta > 1/2 Window

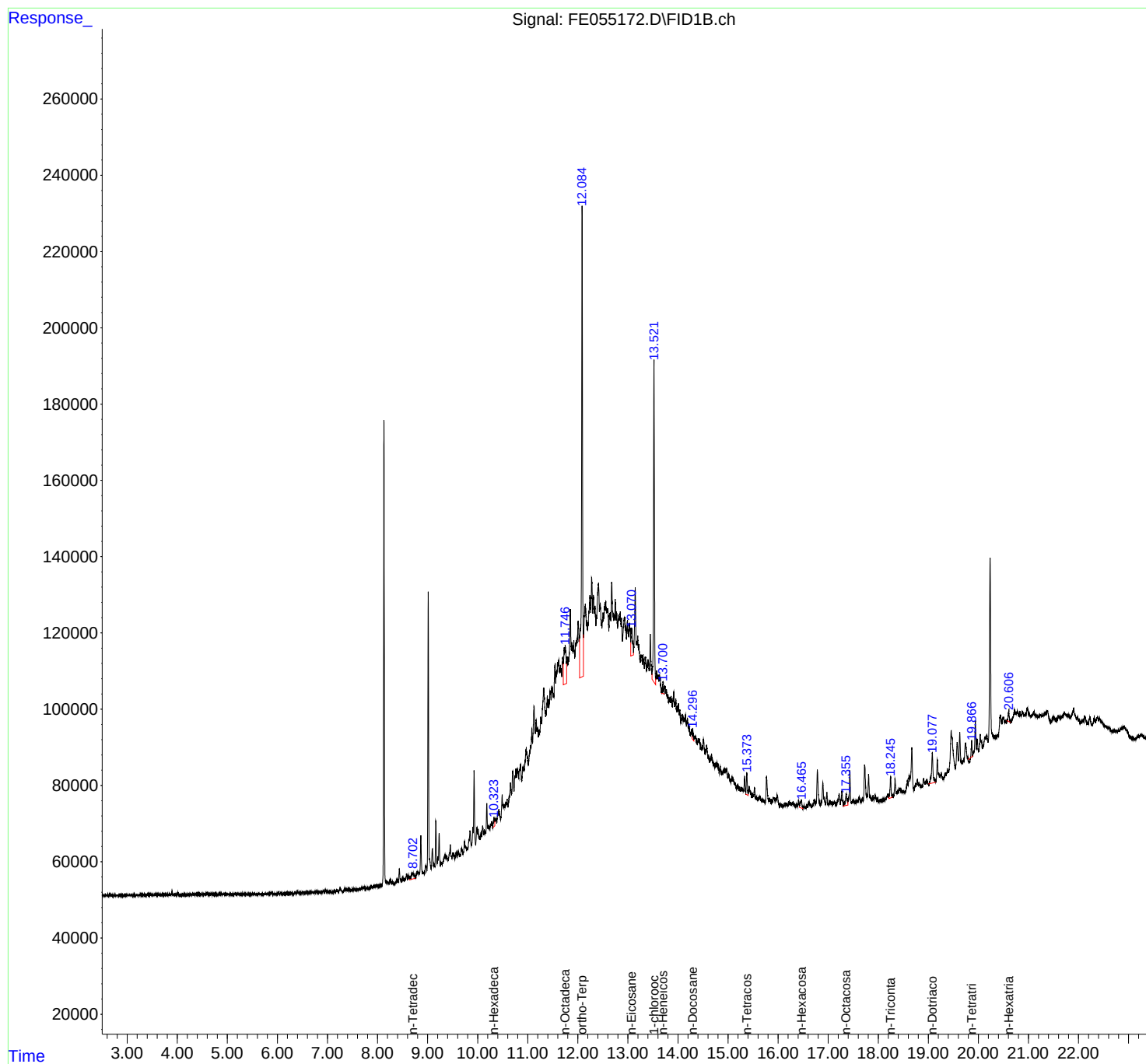
(m)=manual int.

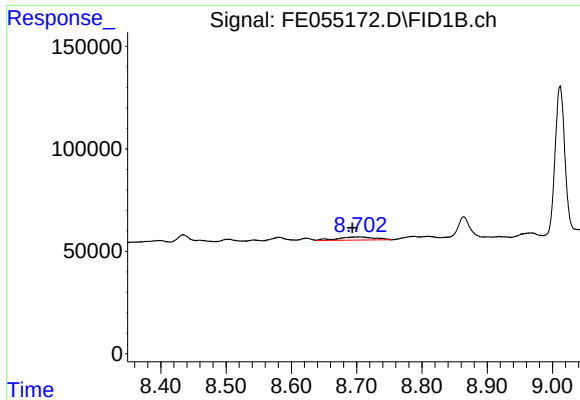
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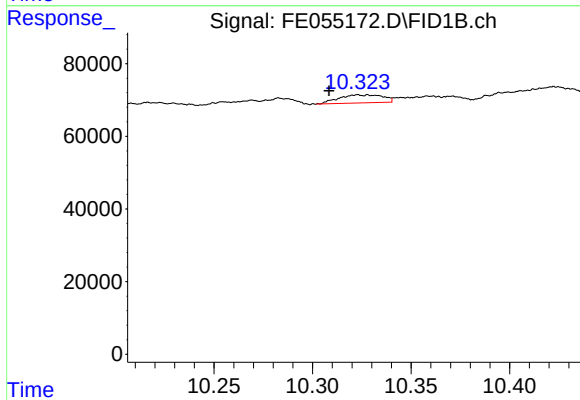




#6 n-Tetradecane (C14)

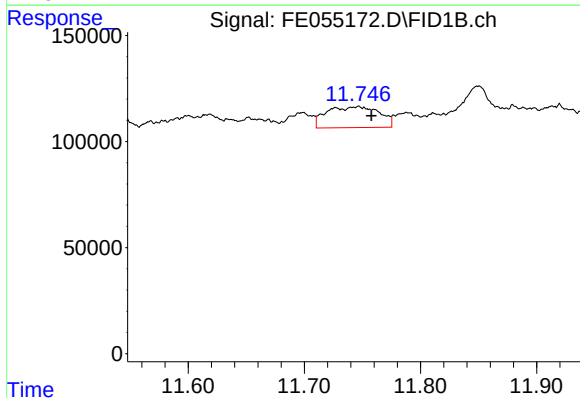
R.T.: 8.704 min
Delta R.T.: 0.010 min
Response: 62438
Conc: 0.51 ug/ml

Instrument :
FID_E
ClientSampleId :
RT3826DL



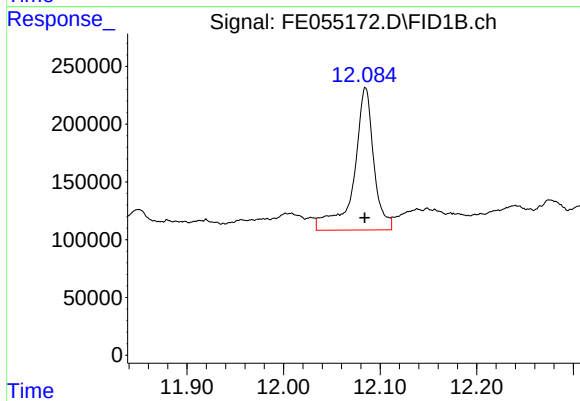
#7 n-Hexadecane (C16)

R.T.: 10.324 min
Delta R.T.: 0.016 min
Response: 34041
Conc: 0.27 ug/ml



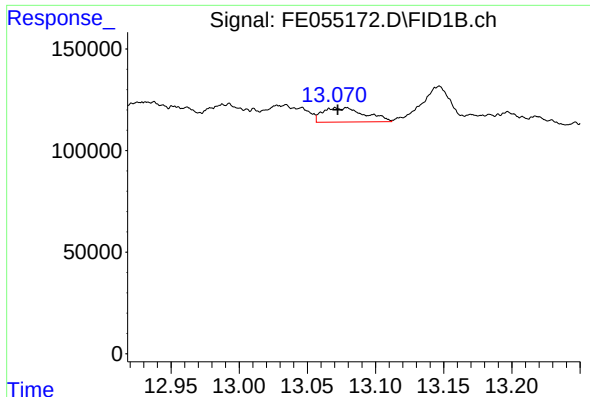
#8 n-Octadecane (C18)

R.T.: 11.746 min
Delta R.T.: -0.012 min
Response: 312275
Conc: 2.39 ug/ml



#9 ortho-Terphenyl (SURR)

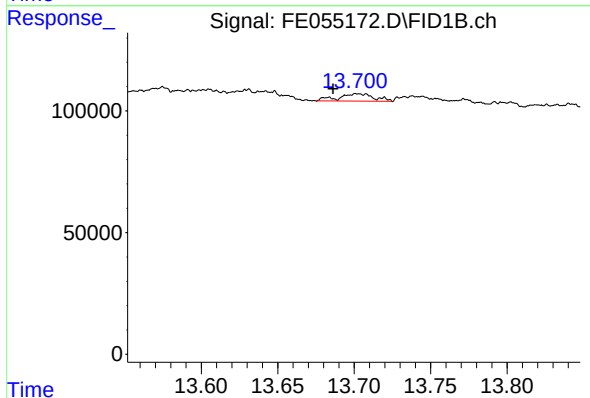
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 1758702
Conc: 12.32 ug/ml



#10 n-Eicosane (C20)

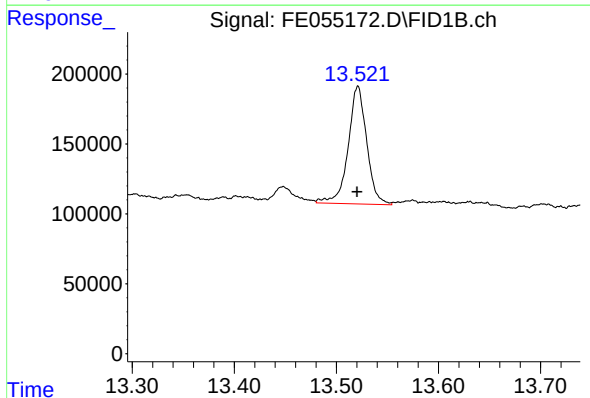
R.T.: 13.078 min
Delta R.T.: 0.006 min
Response: 151492
Conc: 1.21 ug/ml

Instrument :
FID_E
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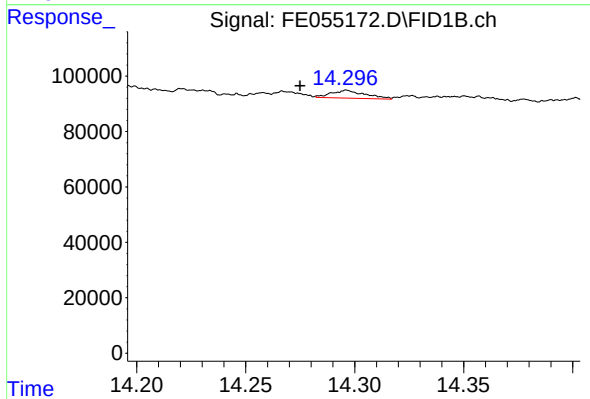
#11 n-Heneicosane (C21)

R.T.: 13.703 min
Delta R.T.: 0.017 min
Response: 48051
Conc: 0.39 ug/ml



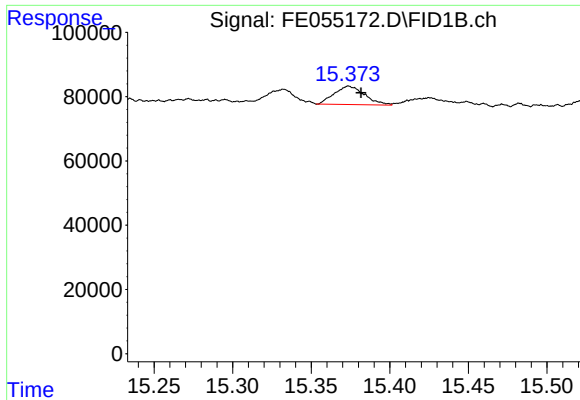
#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 1065015
Conc: 9.90 ug/ml



#13 n-Docosane (C22)

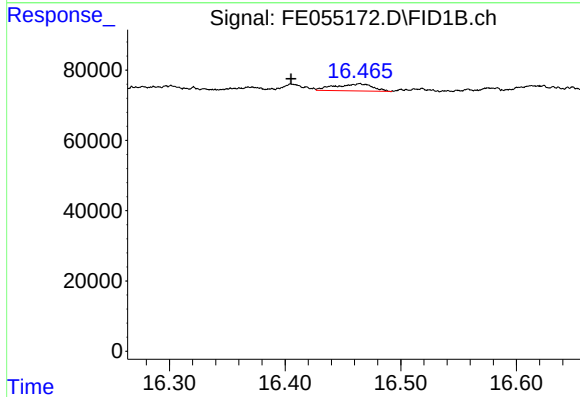
R.T.: 14.296 min
Delta R.T.: 0.021 min
Response: 31058
Conc: 0.25 ug/ml



#14 n-Tetracosane (C24)

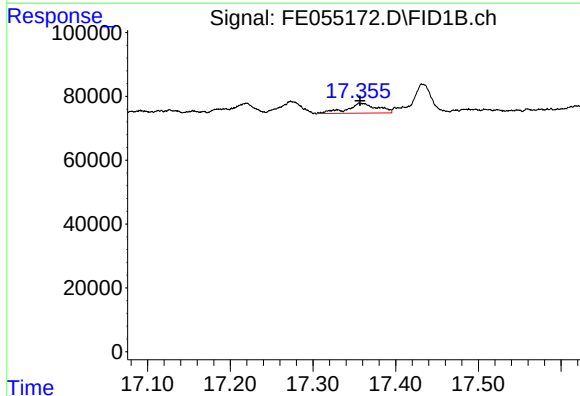
R.T.: 15.374 min
Delta R.T.: -0.008 min
Response: 76513
Conc: 0.63 ug/ml

Instrument :
FID_E
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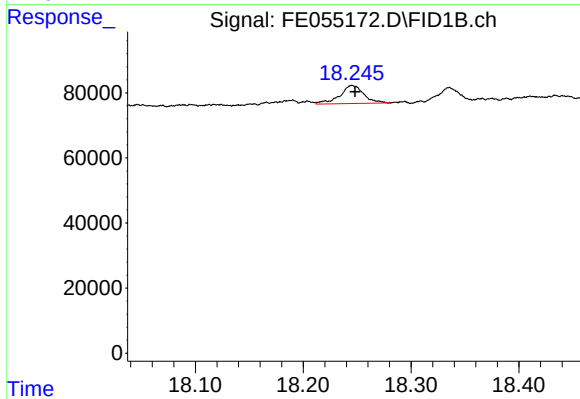
#15 n-Hexacosane (C26)

R.T.: 16.465 min
Delta R.T.: 0.060 min
Response: 45628
Conc: 0.38 ug/ml



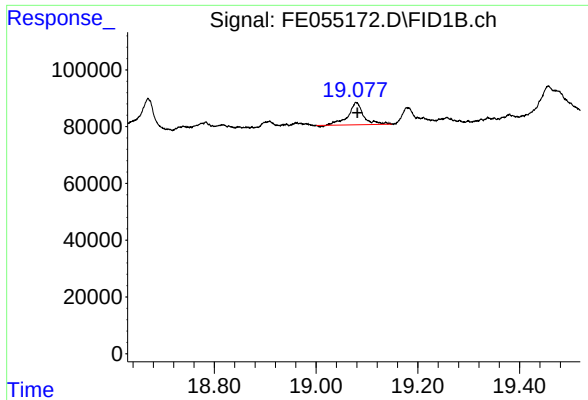
#16 n-Octacosane (C28)

R.T.: 17.359 min
Delta R.T.: 0.002 min
Response: 78534
Conc: 0.66 ug/ml



#17 n-Tricontane (C30)

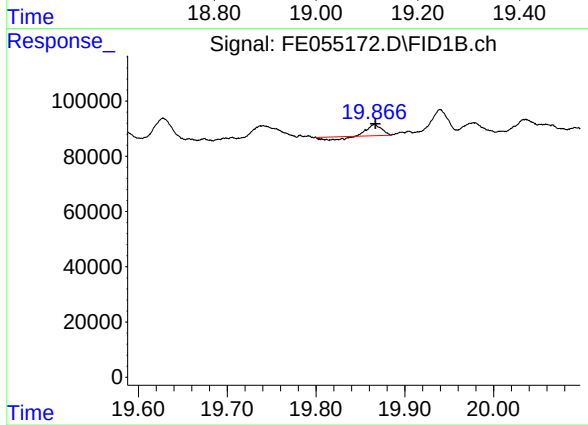
R.T.: 18.246 min
Delta R.T.: -0.002 min
Response: 84998
Conc: 0.69 ug/ml



#18 n-Dotriacontane (C32)

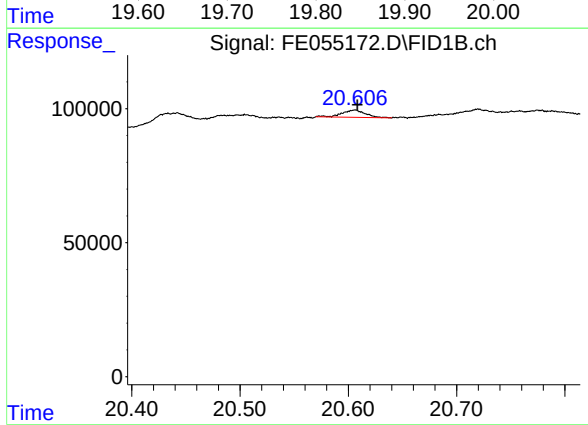
R.T.: 19.079 min
Delta R.T.: -0.002 min
Response: 166625
Conc: 1.37 ug/ml

Instrument :
FID_E
ClientSampleId :
RT3826DL



#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 28662
Conc: 0.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.606 min
Delta R.T.: -0.003 min
Response: 41052
Conc: 0.38 ug/ml