

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080725AL\
 Data File : FE055179.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2025 14:56
 Operator : YP\AJ
 Sample : Q2774-14DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 254-E2DL

Integration File: autoint1.e
 Quant Time: Aug 08 01:06:41 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)	12.083	1056075	7.395 ug/ml
Spiked Amount 50.000		Recovery =	14.79%
12) S 1-chlorooctadecane (S...	13.522	1619132	15.058 ug/ml
Spiked Amount 50.000		Recovery =	30.12%
Target Compounds			
7) T n-Hexadecane (C16)	10.329	67495	0.528 ug/ml
8) T n-Octadecane (C18)	11.740	90425	0.693 ug/ml
10) T n-Eicosane (C20)	13.067	90049	0.718 ug/ml
11) T n-Heneicosane (C21)	13.713	235252	1.908 ug/ml
13) T n-Docosane (C22)	14.316	392039	3.210 ug/ml
14) T n-Tetracosane (C24)	15.376	2557296	21.025 ug/ml
15) T n-Hexacosane (C26)	16.431	109145	0.912 ug/ml
16) T n-Octacosane (C28)	17.380	624970	5.269 ug/ml
17) T n-Tricontane (C30)	18.244	378495	3.076 ug/ml
18) T n-Dotriacontane (C32)	19.080	218811	1.793 ug/ml
19) T n-Tetratriacontane (C34)	19.864	210791	1.803 ug/ml
20) T n-Hexatriacontane (C36)	20.605	179624	1.643 ug/ml
21) T n-Octatriacontane (C38)	21.384	120372	1.114 ug/ml
22) T n-Tetracontane (C40)	22.372	98726	0.944 ug/ml

(f)=RT Delta > 1/2 Window

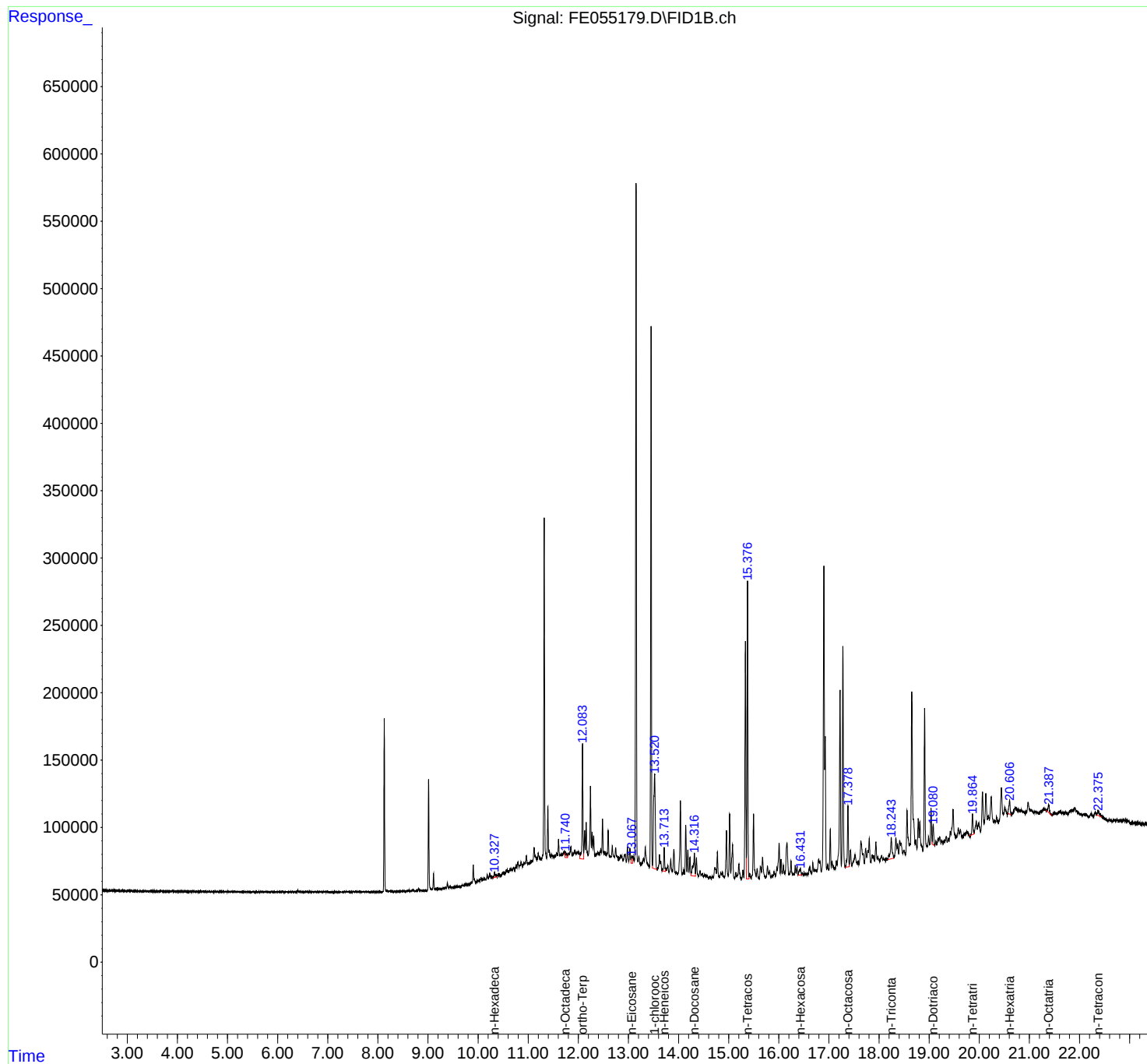
(m)=manual int.

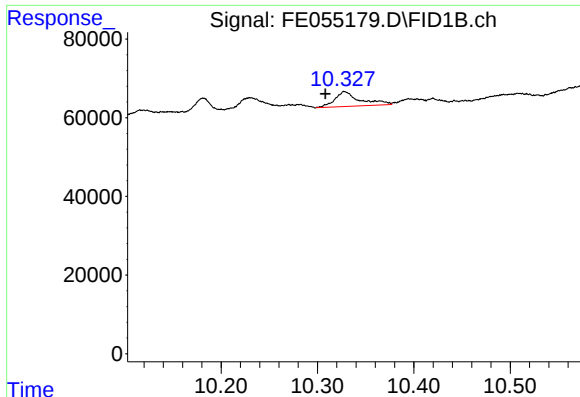
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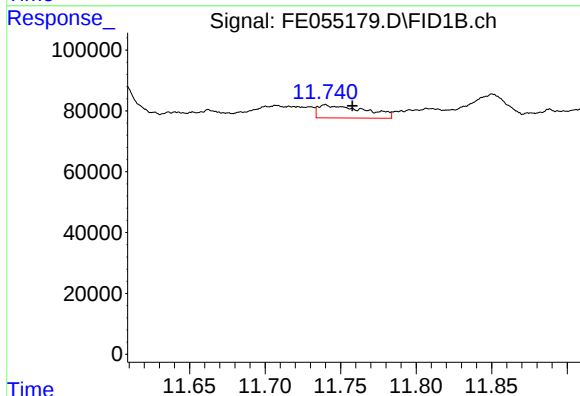




#7 n-Hexadecane (C16)

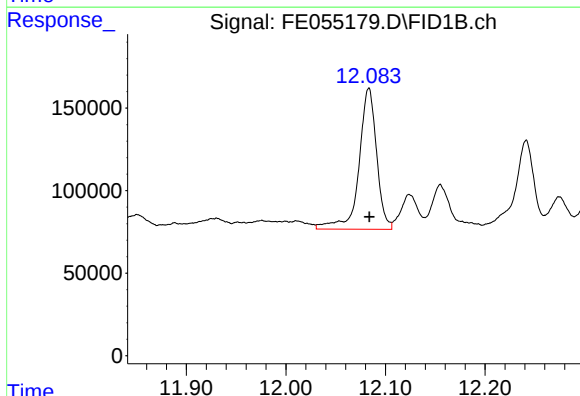
R.T.: 10.329 min
Delta R.T.: 0.020 min
Response: 67495
Conc: 0.53 ug/ml

Instrument :
FID_E
ClientSampleId :
254-E2DL



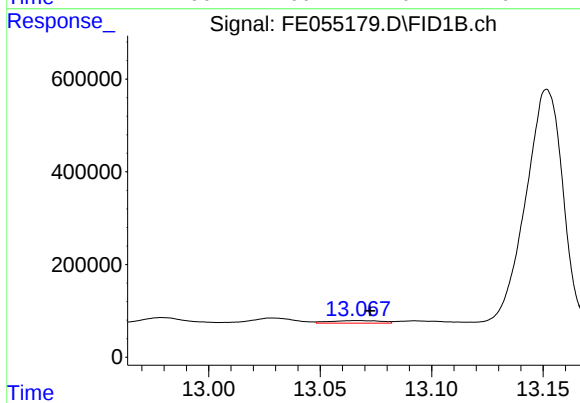
#8 n-Octadecane (C18)

R.T.: 11.740 min
Delta R.T.: -0.018 min
Response: 90425
Conc: 0.69 ug/ml



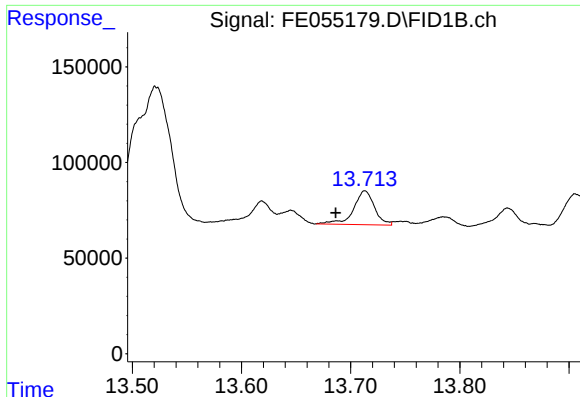
#9 ortho-Terphenyl (SURR)

R.T.: 12.083 min
Delta R.T.: 0.000 min
Response: 1056075
Conc: 7.40 ug/ml



#10 n-Eicosane (C20)

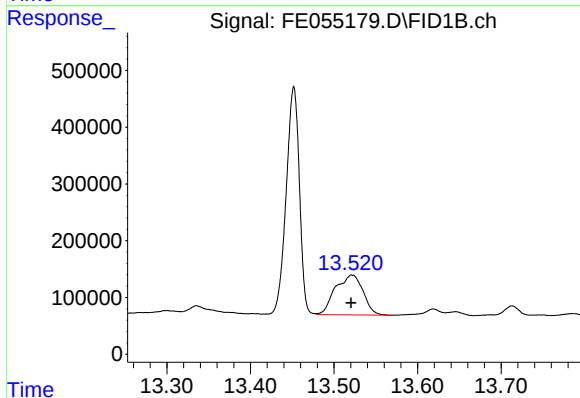
R.T.: 13.067 min
Delta R.T.: -0.006 min
Response: 90049
Conc: 0.72 ug/ml



#11 n-Heneicosane (C21)

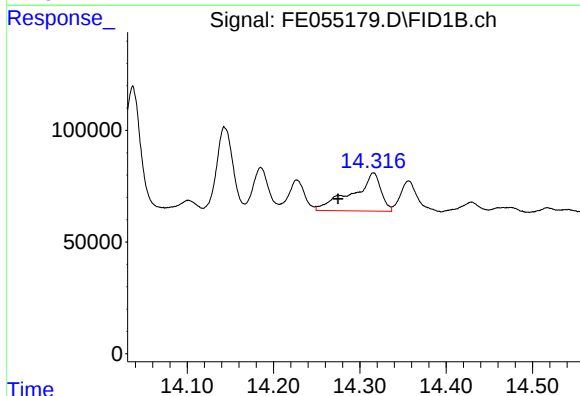
R.T.: 13.713 min
Delta R.T.: 0.027 min
Response: 235252
Conc: 1.91 ug/ml

Instrument :
FID_E
ClientSampleId :
254-E2DL



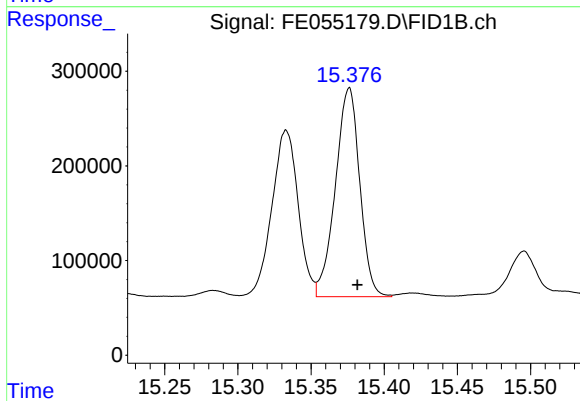
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.001 min
Response: 1619132
Conc: 15.06 ug/ml



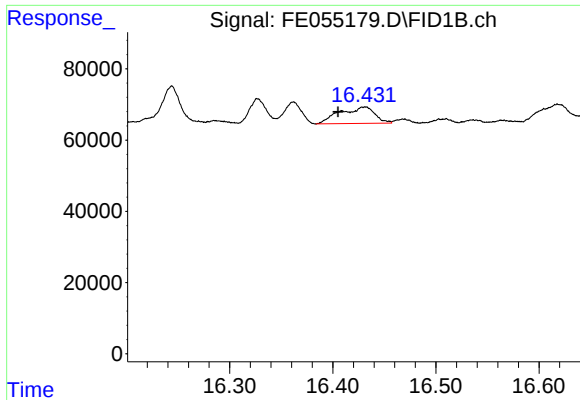
#13 n-Docosane (C22)

R.T.: 14.316 min
Delta R.T.: 0.041 min
Response: 392039
Conc: 3.21 ug/ml



#14 n-Tetracosane (C24)

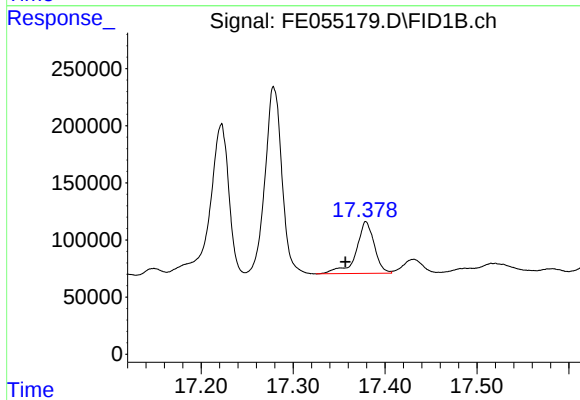
R.T.: 15.376 min
Delta R.T.: -0.006 min
Response: 2557296
Conc: 21.02 ug/ml



#15 n-Hexacosane (C26)

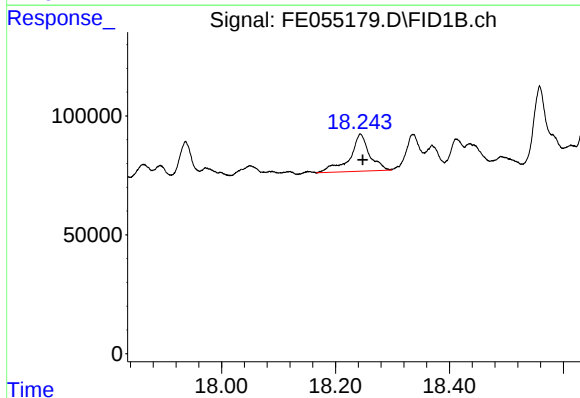
R.T.: 16.431 min
Delta R.T.: 0.026 min
Response: 109145
Conc: 0.91 ug/ml

Instrument :
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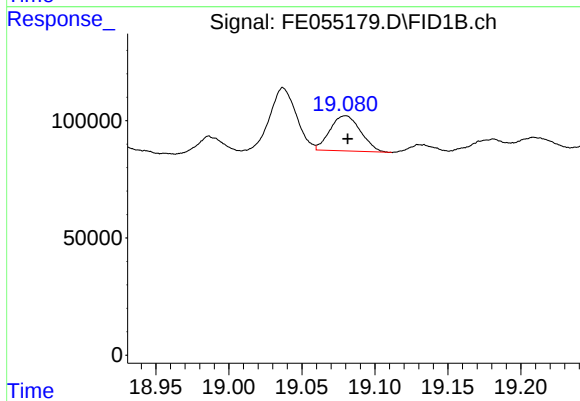
#16 n-Octacosane (C28)

R.T.: 17.380 min
Delta R.T.: 0.023 min
Response: 624970
Conc: 5.27 ug/ml



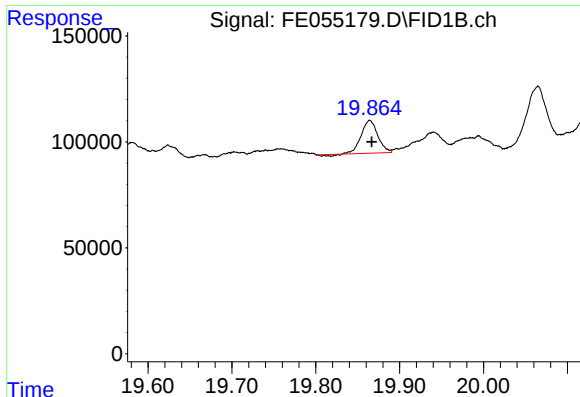
#17 n-Tricontane (C30)

R.T.: 18.244 min
Delta R.T.: -0.004 min
Response: 378495
Conc: 3.08 ug/ml



#18 n-Dotriacontane (C32)

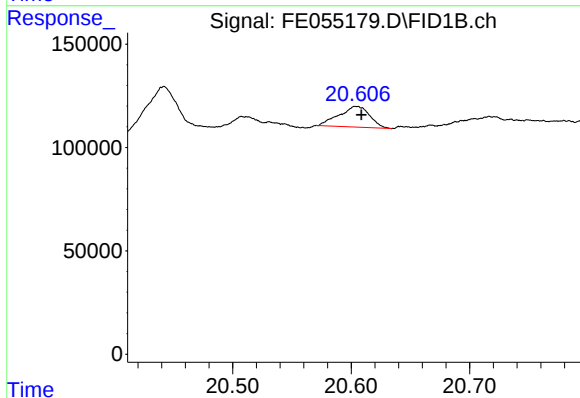
R.T.: 19.080 min
Delta R.T.: -0.002 min
Response: 218811
Conc: 1.79 ug/ml



#19 n-Tetratriacontane (C34)

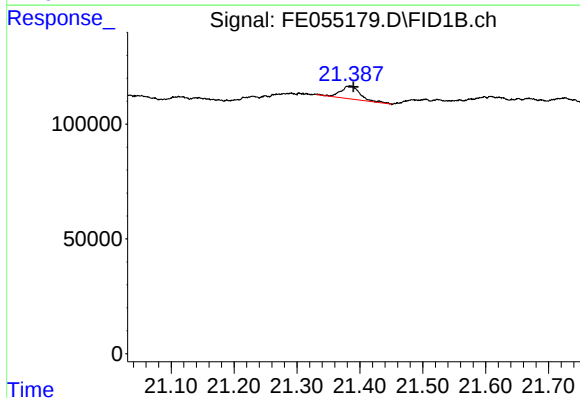
R.T.: 19.864 min
Delta R.T.: -0.002 min
Response: 210791
Conc: 1.80 ug/ml

Instrument :
FID_E
ClientSampleId :
254-E2DL



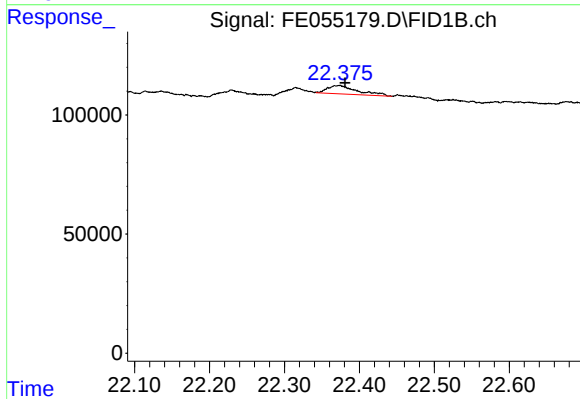
#20 n-Hexatriacontane (C36)

R.T.: 20.605 min
Delta R.T.: -0.004 min
Response: 179624
Conc: 1.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.384 min
Delta R.T.: -0.006 min
Response: 120372
Conc: 1.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.372 min
Delta R.T.: -0.009 min
Response: 98726
Conc: 0.94 ug/ml