

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081325AL\
 Data File : FE055290.D
 Signal(s) : FID1B.ch
 Acq On : 13 Aug 2025 12:52
 Operator : YP\AJ
 Sample : Q2827-06DL2 100X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-9-EPHDL2

Integration File: autoint1.e
 Quant Time: Aug 14 01:21:55 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)	12.084	182272	1.276 ug/ml
Spiked Amount 50.000		Recovery =	2.55%
12) S 1-chlorooctadecane (S...	13.479	214090	1.991 ug/ml
Spiked Amount 50.000		Recovery =	3.98%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.435	97286	0.725 ug/ml
4) T n-Dodecane (C12)	6.873	172808	1.451 ug/ml
5) T A~2-methylnaphthalene...	7.508	290842	2.231 ug/ml
6) T n-Tetradecane (C14)	8.684	213698	1.743 ug/ml
7) T n-Hexadecane (C16)	10.330	288305	2.255 ug/ml
10) T n-Eicosane (C20)	13.029	287031	2.288 ug/ml
16) T n-Octacosane (C28)	17.360	128354	1.082 ug/ml
17) T n-Tricontane (C30)	18.250	410591	3.337 ug/ml
18) T n-Dotriacontane (C32)	19.084	988059	8.098 ug/ml
19) T n-Tetratriacontane (C34)	19.870	954320	8.162 ug/ml
20) T n-Hexatriacontane (C36)	20.612	820075	7.503 ug/ml
21) T n-Octatriacontane (C38)	21.392	490244	4.536 ug/ml
22) T n-Tetracontane (C40)	22.384	301390	2.882 ug/ml

(f)=RT Delta > 1/2 Window

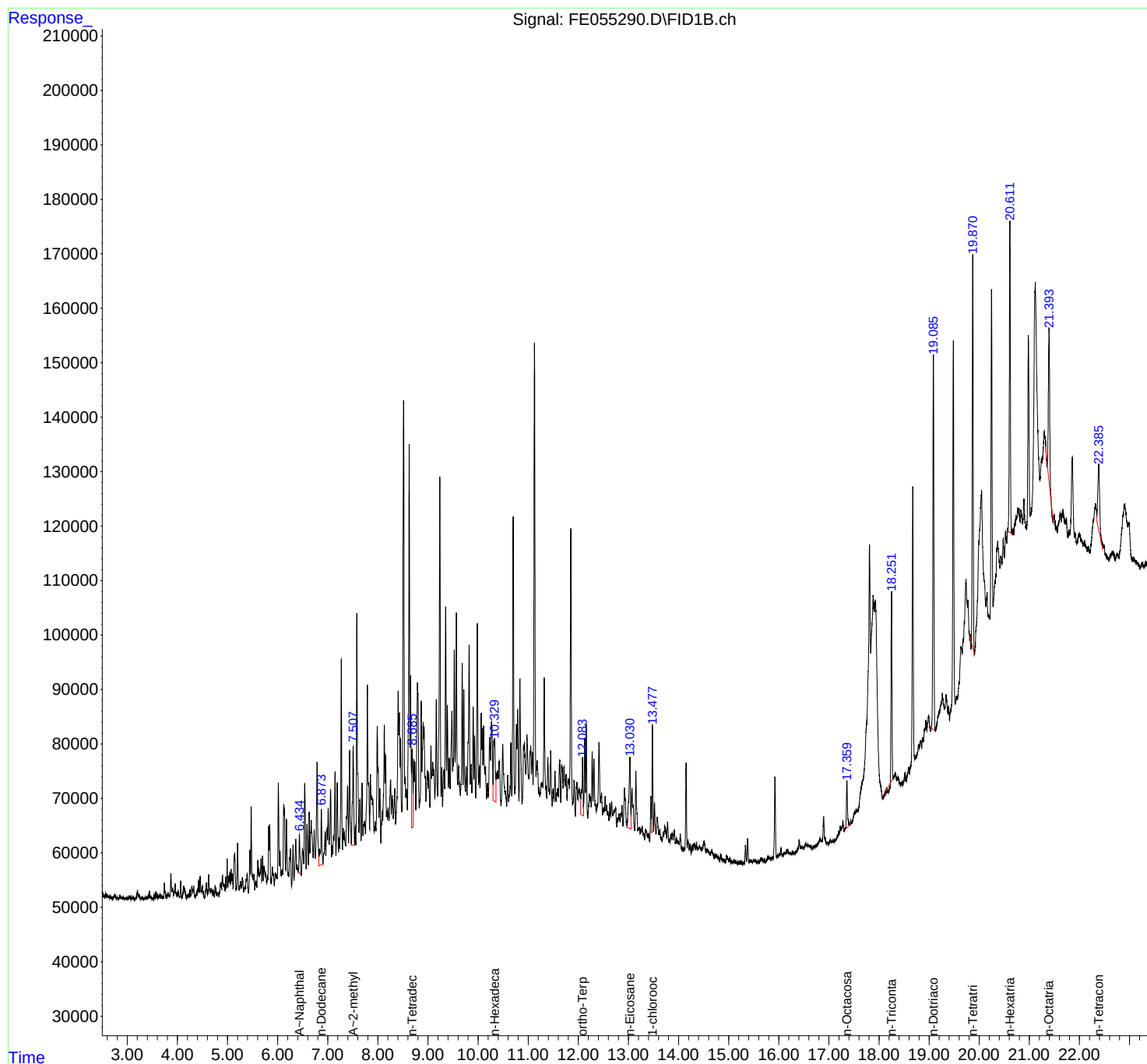
(m)=manual int.

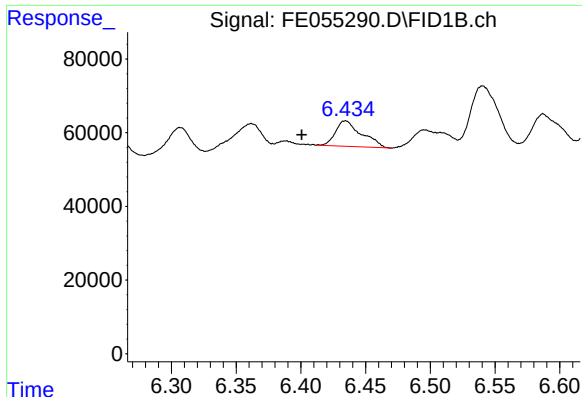
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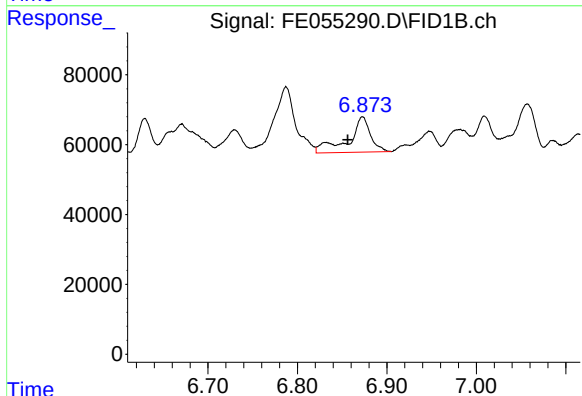




#3 A~Naphthalene (C11.7)

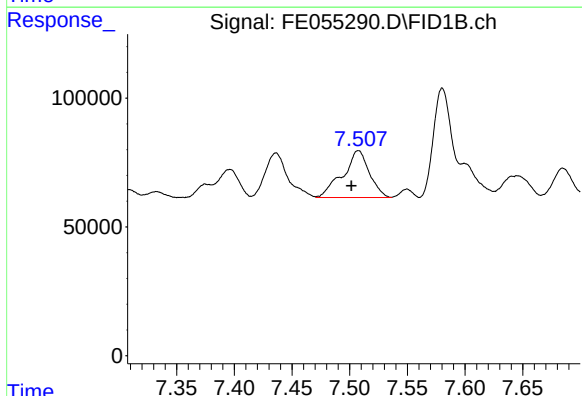
R.T.: 6.435 min
Delta R.T.: 0.034 min
Response: 97286
Conc: 0.72 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-9-EPHDL2



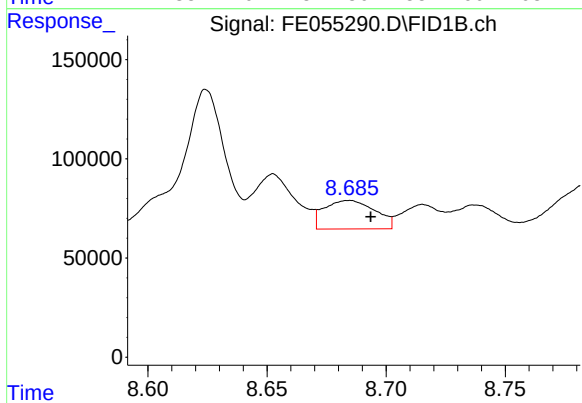
#4 n-Dodecane (C12)

R.T.: 6.873 min
Delta R.T.: 0.016 min
Response: 172808
Conc: 1.45 ug/ml



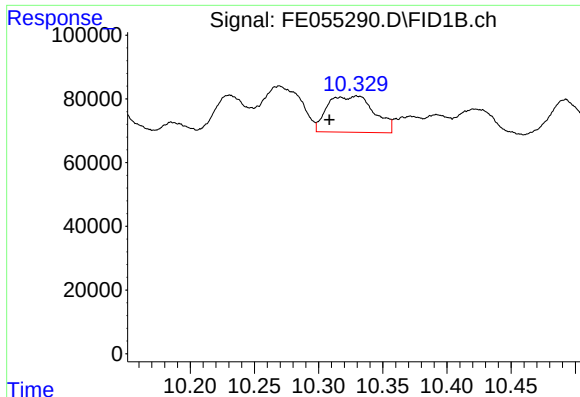
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.508 min
Delta R.T.: 0.006 min
Response: 290842
Conc: 2.23 ug/ml



#6 n-Tetradecane (C14)

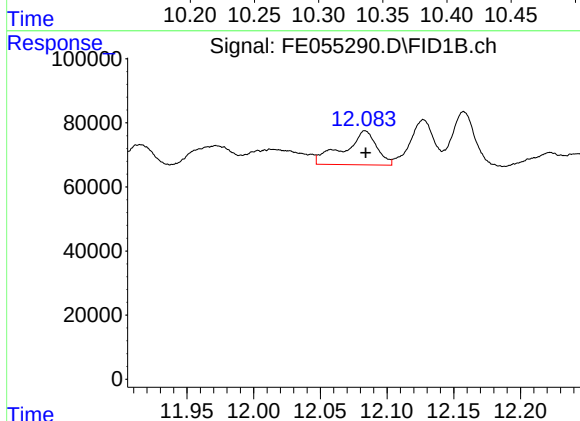
R.T.: 8.684 min
Delta R.T.: -0.009 min
Response: 213698
Conc: 1.74 ug/ml



#7 n-Hexadecane (C16)

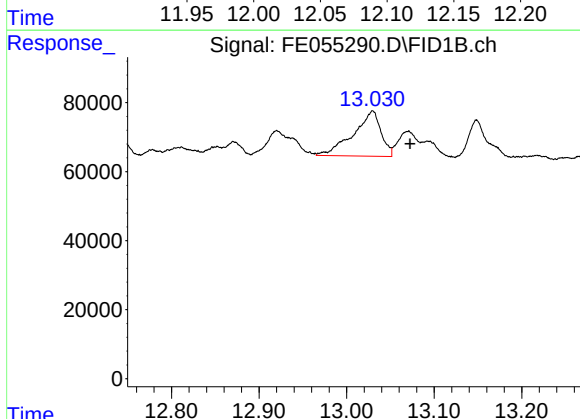
R.T.: 10.330 min
Delta R.T.: 0.022 min
Response: 288305
Conc: 2.26 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-9-EPHDL2



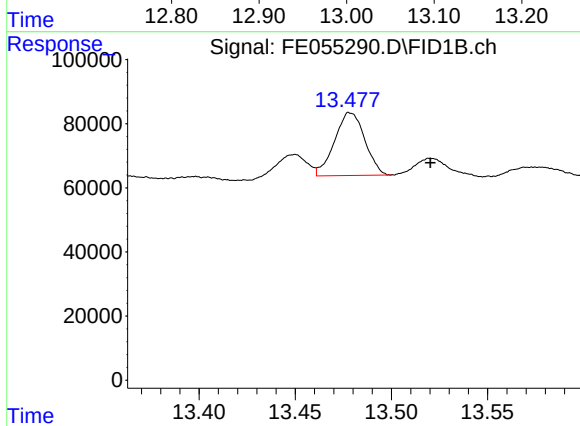
#9 ortho-Terphenyl (SURR)

R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 182272
Conc: 1.28 ug/ml



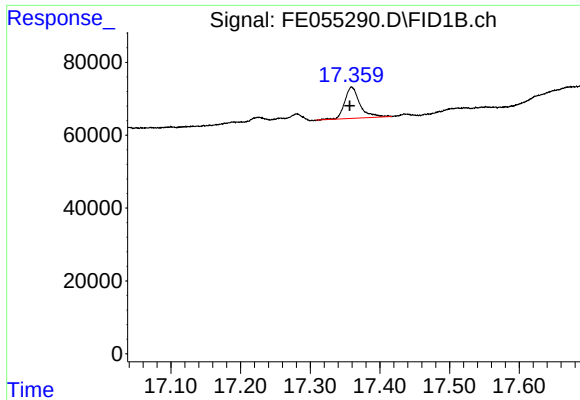
#10 n-Eicosane (C20)

R.T.: 13.029 min
Delta R.T.: -0.043 min
Response: 287031
Conc: 2.29 ug/ml



#12 1-chlorooctadecane (SURR)

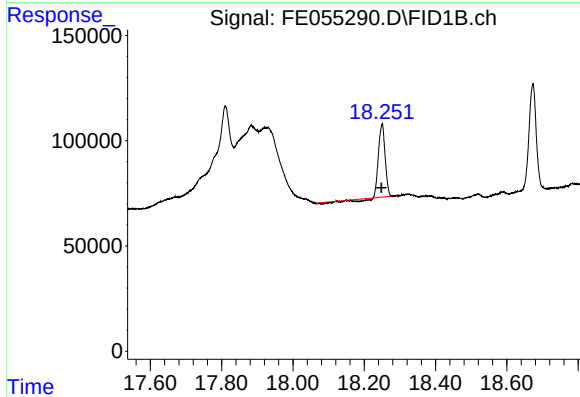
R.T.: 13.479 min
Delta R.T.: -0.042 min
Response: 214090
Conc: 1.99 ug/ml



#16 n-Octacosane (C28)

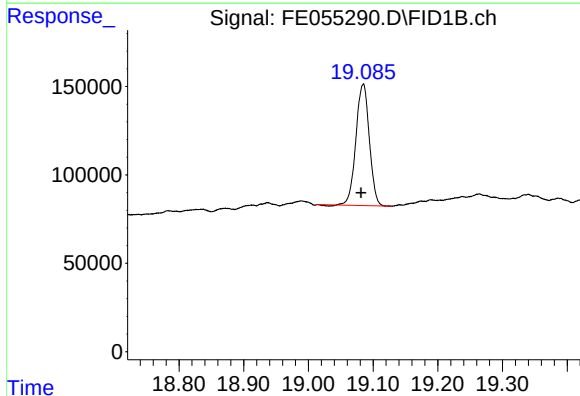
R.T.: 17.360 min
Delta R.T.: 0.003 min
Response: 128354
Conc: 1.08 ug/ml

Instrument :
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TP-9-EPHDL2



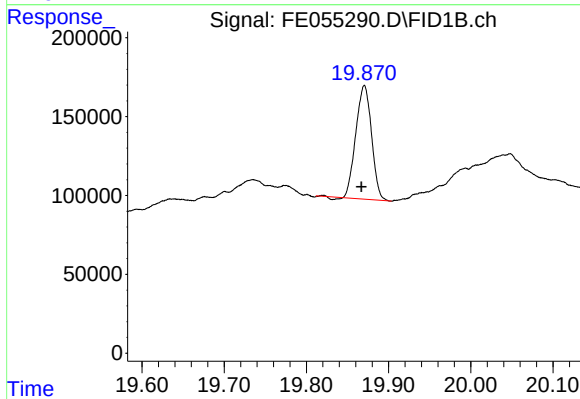
#17 n-Tricontane (C30)

R.T.: 18.250 min
Delta R.T.: 0.002 min
Response: 410591
Conc: 3.34 ug/ml



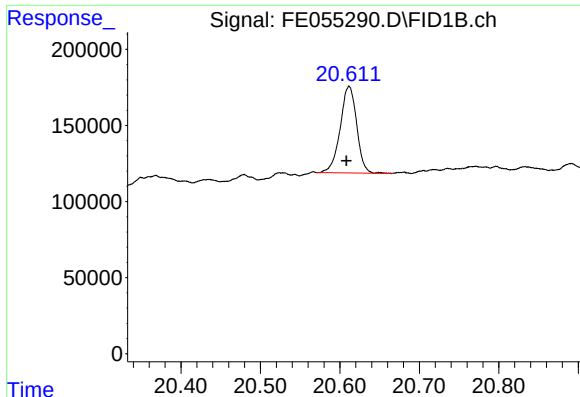
#18 n-Dotriacontane (C32)

R.T.: 19.084 min
Delta R.T.: 0.003 min
Response: 988059
Conc: 8.10 ug/ml



#19 n-Tetratriacontane (C34)

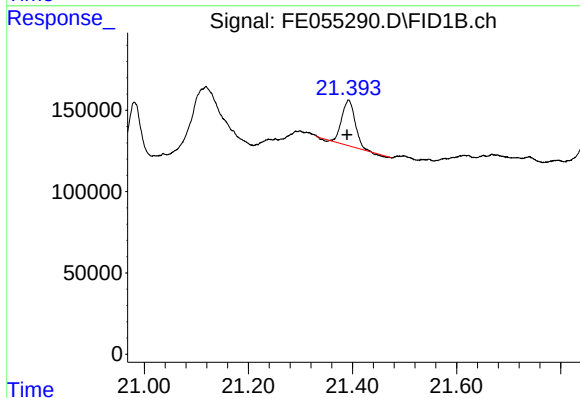
R.T.: 19.870 min
Delta R.T.: 0.004 min
Response: 954320
Conc: 8.16 ug/ml



#20 n-Hexatriacontane (C36)

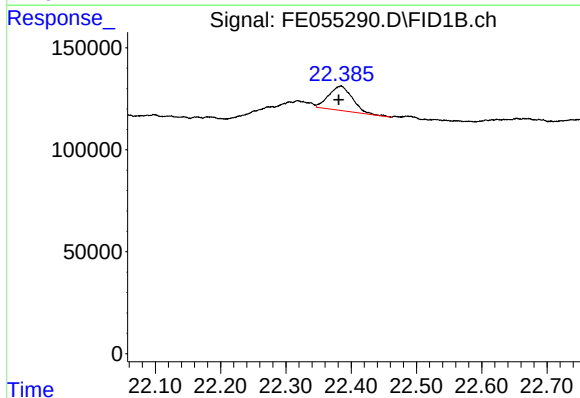
R.T.: 20.612 min
Delta R.T.: 0.003 min
Response: 820075
Conc: 7.50 ug/ml

Instrument :
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#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: 0.003 min
Response: 490244
Conc: 4.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.384 min
Delta R.T.: 0.003 min
Response: 301390
Conc: 2.88 ug/ml