

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092525AL\
 Data File : FE055999.D
 Signal(s) : FID1B.ch
 Acq On : 25 Sep 2025 17:16
 Operator : YP\AJ
 Sample : Q3188-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RB22120

Integration File: autoint1.e
 Quant Time: Sep 26 01:26:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.074	5653222	30.126 ug/ml
Spiked Amount 50.000		Recovery =	60.25%
12) S 1-chlorooctadecane (S...	13.512	6633527	47.530 ug/ml
Spiked Amount 50.000		Recovery =	95.06%
Target Compounds			
6) T n-Tetradecane (C14)	8.638	145753	0.986 ug/ml
7) T n-Hexadecane (C16)	10.316	861628	5.422 ug/ml
8) T n-Octadecane (C18)	11.743	116429	0.687 ug/ml
10) T n-Eicosane (C20)	13.059	312837	1.887 ug/ml
11) T n-Heneicosane (C21)	13.705	479941	2.954 ug/ml
13) T n-Docosane (C22)	14.267	244121	1.528 ug/ml
14) T n-Tetracosane (C24)	15.366	2003477	13.148 ug/ml
15) T n-Hexacosane (C26)	16.393	84410	0.592 ug/ml
16) T n-Octacosane (C28)	17.346	105060	0.754 ug/ml
17) T n-Tricontane (C30)	18.236	313215	2.114 ug/ml
18) T n-Dotriacontane (C32)	19.070	350366	2.348 ug/ml
19) T n-Tetratriacontane (C34)	19.856	160092	1.132 ug/ml
20) T n-Hexatriacontane (C36)	20.598	76991	0.600 ug/ml

(f)=RT Delta > 1/2 Window

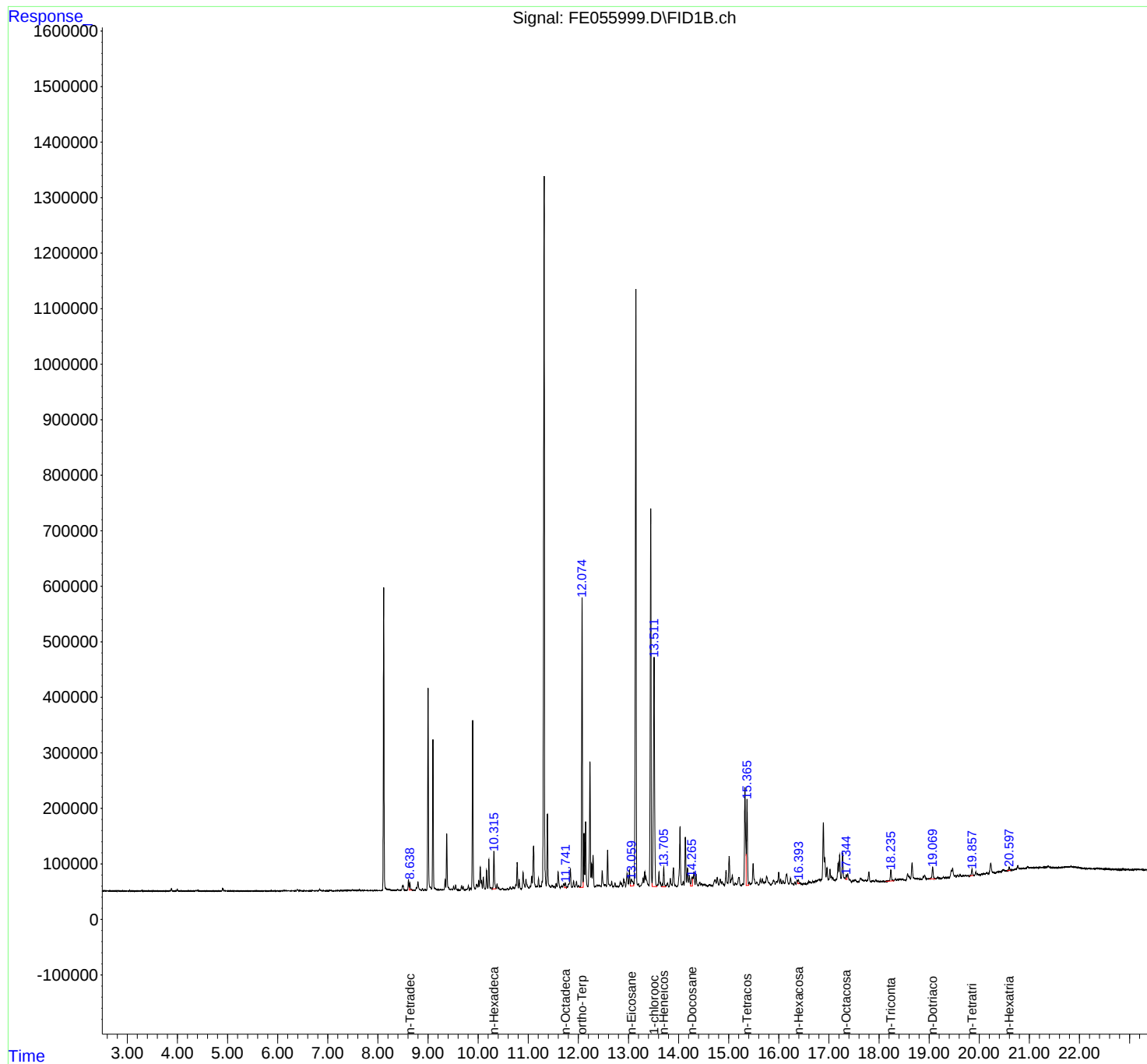
(m)=manual int.

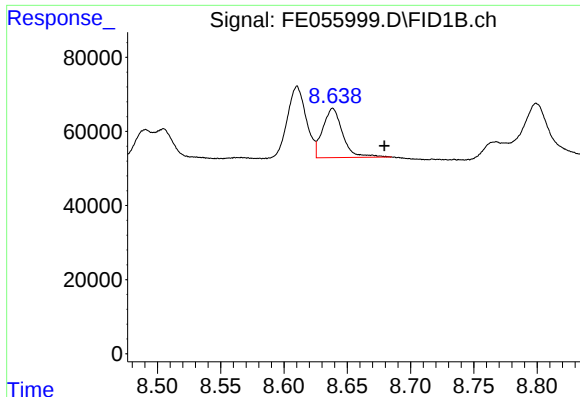
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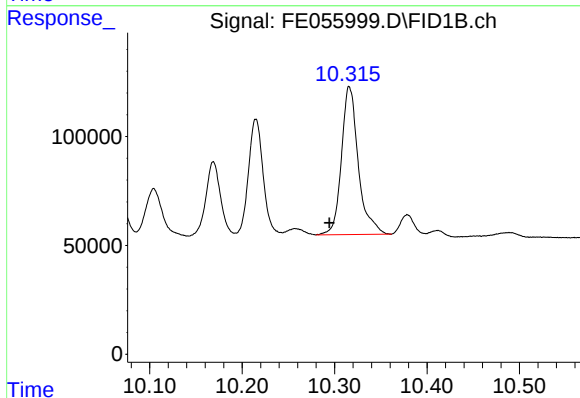




#6 n-Tetradecane (C14)

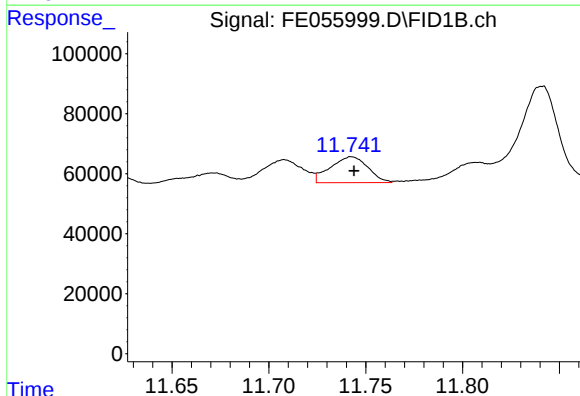
R.T.: 8.638 min
Delta R.T.: -0.041 min
Response: 145753
Conc: 0.99 ug/ml

Instrument :
FID_E
ClientSampleId :
RB22120



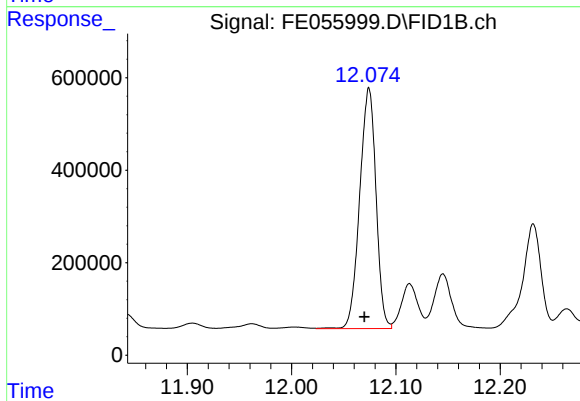
#7 n-Hexadecane (C16)

R.T.: 10.316 min
Delta R.T.: 0.022 min
Response: 861628
Conc: 5.42 ug/ml



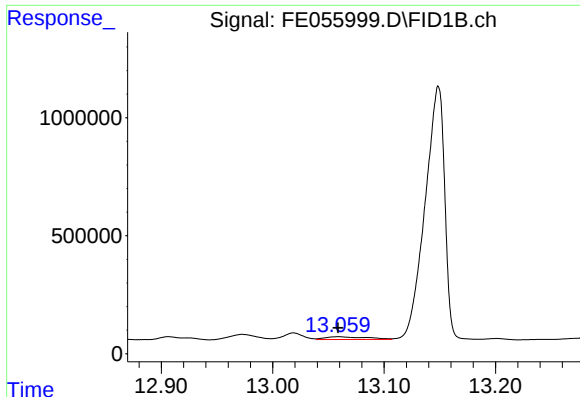
#8 n-Octadecane (C18)

R.T.: 11.743 min
Delta R.T.: -0.001 min
Response: 116429
Conc: 0.69 ug/ml



#9 ortho-Terphenyl (SURR)

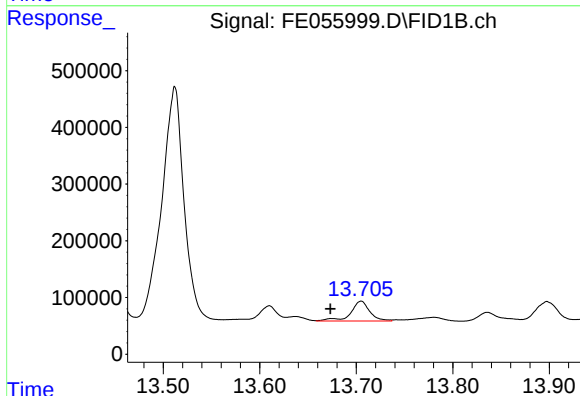
R.T.: 12.074 min
Delta R.T.: 0.004 min
Response: 5653222
Conc: 30.13 ug/ml



#10 n-Eicosane (C20)

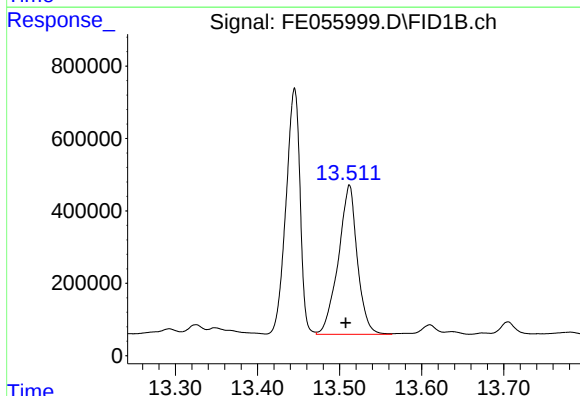
R.T.: 13.059 min
Delta R.T.: 0.000 min
Response: 312837
Conc: 1.89 ug/ml

Instrument :
FID_E
ClientSampleId :
RB22120



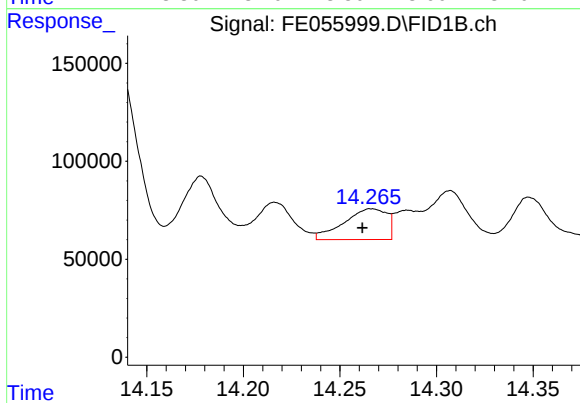
#11 n-Heneicosane (C21)

R.T.: 13.705 min
Delta R.T.: 0.032 min
Response: 479941
Conc: 2.95 ug/ml



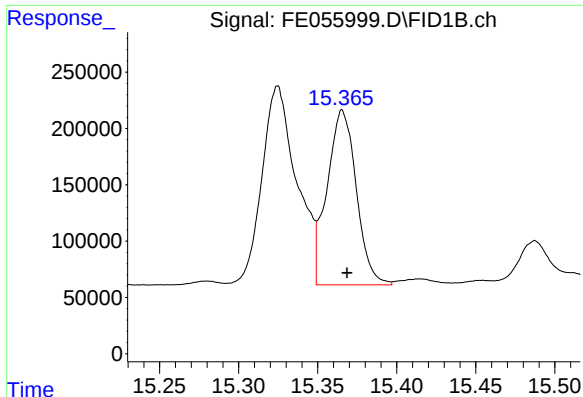
#12 1-chlorooctadecane (SURR)

R.T.: 13.512 min
Delta R.T.: 0.004 min
Response: 6633527
Conc: 47.53 ug/ml



#13 n-Docosane (C22)

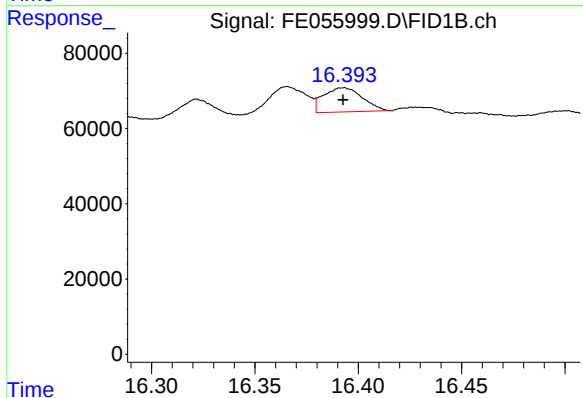
R.T.: 14.267 min
Delta R.T.: 0.005 min
Response: 244121
Conc: 1.53 ug/ml



#14 n-Tetracosane (C24)

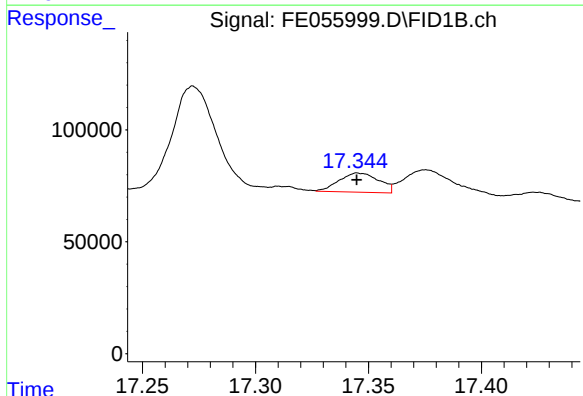
R.T.: 15.366 min
Delta R.T.: -0.003 min
Response: 2003477
Conc: 13.15 ug/ml

Instrument :
FID_E
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RB22120



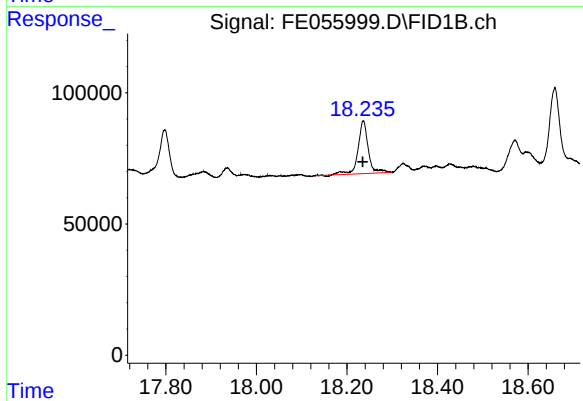
#15 n-Hexacosane (C26)

R.T.: 16.393 min
Delta R.T.: 0.000 min
Response: 84410
Conc: 0.59 ug/ml



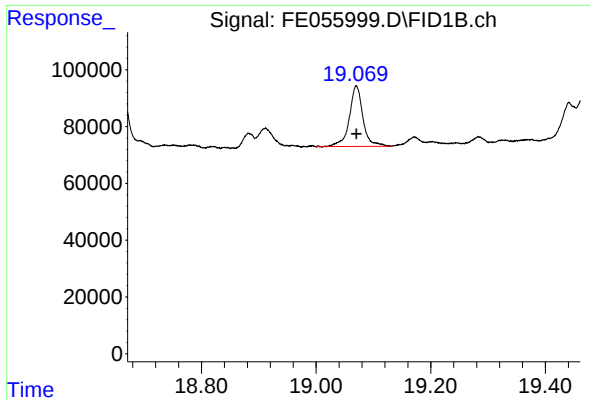
#16 n-Octacosane (C28)

R.T.: 17.346 min
Delta R.T.: 0.001 min
Response: 105060
Conc: 0.75 ug/ml



#17 n-Tricontane (C30)

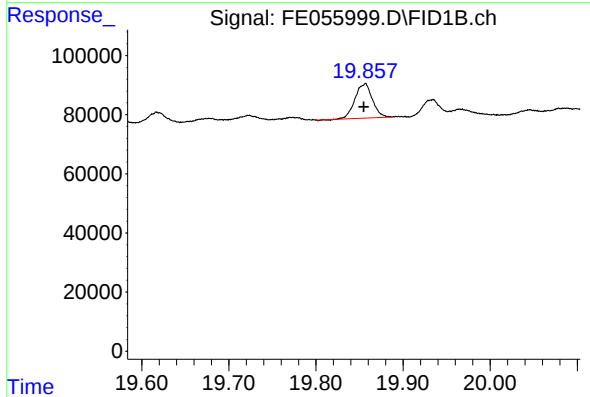
R.T.: 18.236 min
Delta R.T.: 0.001 min
Response: 313215
Conc: 2.11 ug/ml



#18 n-Dotriacontane (C32)

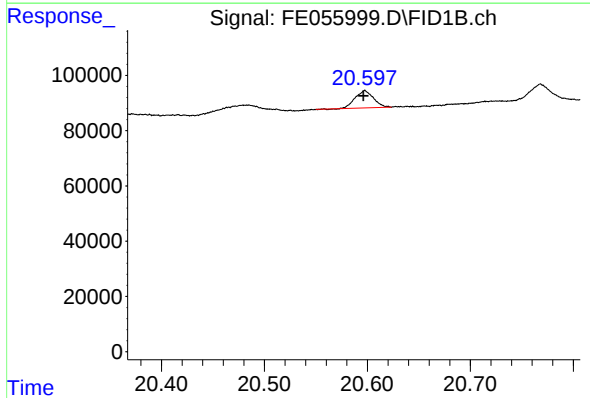
R.T.: 19.070 min
Delta R.T.: 0.000 min
Response: 350366
Conc: 2.35 ug/ml

Instrument :
FID_E
ClientSampleId :
RB22120



#19 n-Tetatriacontane (C34)

R.T.: 19.856 min
Delta R.T.: 0.000 min
Response: 160092
Conc: 1.13 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.598 min
Delta R.T.: 0.001 min
Response: 76991
Conc: 0.60 ug/ml