

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060225AL\
 Data File : FE054128.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jun 2025 18:18
 Operator : YP\AJ
 Sample : Q2173-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-400-CF-402B-62

Integration File: autoint1.e
 Quant Time: Jun 03 01:21:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.840	4651845	28.625 ug/ml
Spiked Amount 50.000		Recovery =	57.25%
12) S 1-chlorooctadecane (S...	13.286	3846256	32.444 ug/ml
Spiked Amount 50.000		Recovery =	64.89%
Target Compounds			
6) T n-Tetradecane (C14)	8.456	841001	6.232 ug/ml
7) T n-Hexadecane (C16)	10.076	21050	0.156 ug/ml
10) T n-Eicosane (C20)	12.827	133672	1.017 ug/ml
11) T n-Heneicosane (C21)	13.484	72941	0.563 ug/ml
13) T n-Docosane (C22)	14.041	73094	0.573 ug/ml
14) T n-Tetracosane (C24)	15.133	598892	4.787 ug/ml
15) T n-Hexacosane (C26)	16.172	27498	0.225 ug/ml
16) T n-Octacosane (C28)	17.147	131116	1.079 ug/ml
17) T n-Tricontane (C30)	18.009	134535	1.080 ug/ml
18) T n-Dotriacontane (C32)	18.838	156285	1.250 ug/ml
19) T n-Tetratriacontane (C34)	19.654	10228	0.086 ug/ml
20) T n-Hexatriacontane (C36)	20.385	20395	0.176 ug/ml

(f)=RT Delta > 1/2 Window

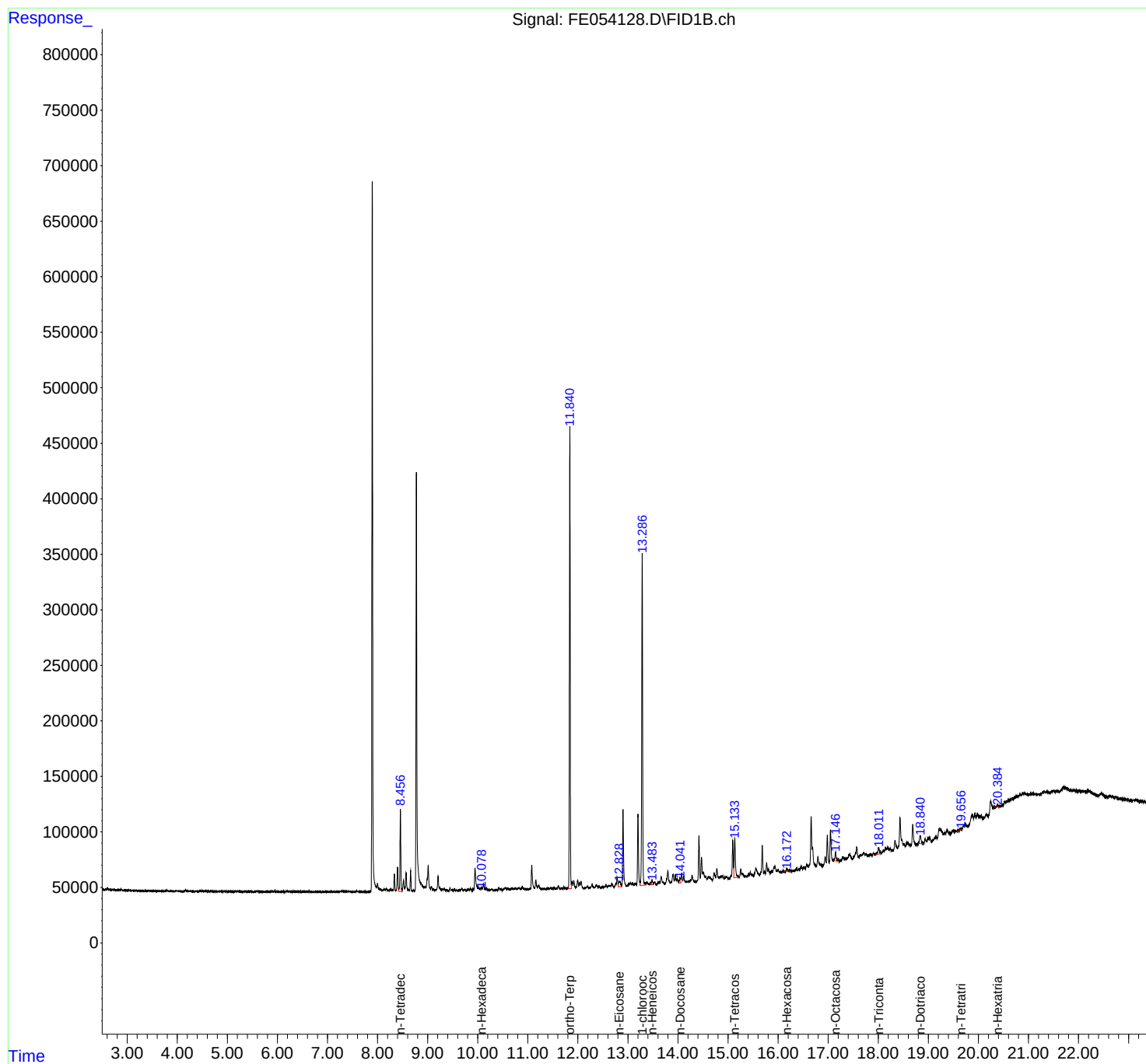
(m)=manual int.

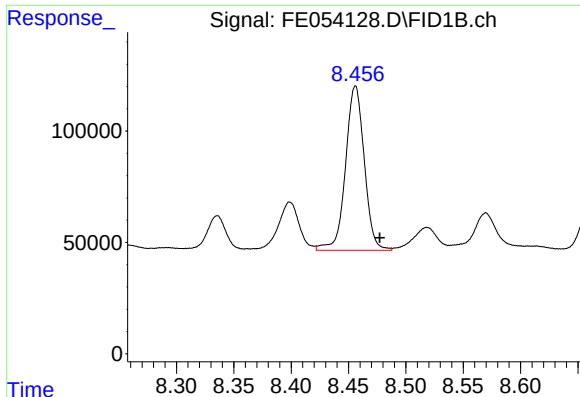
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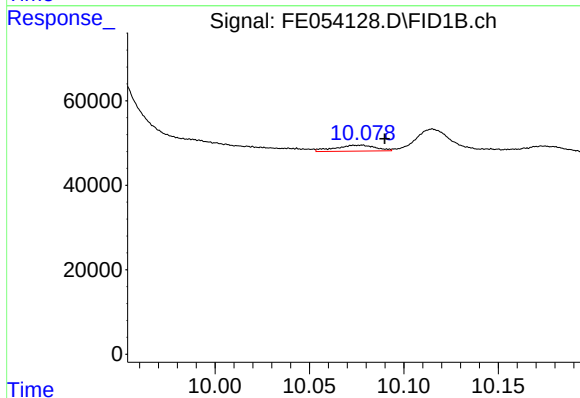




#6 n-Tetradecane (C14)

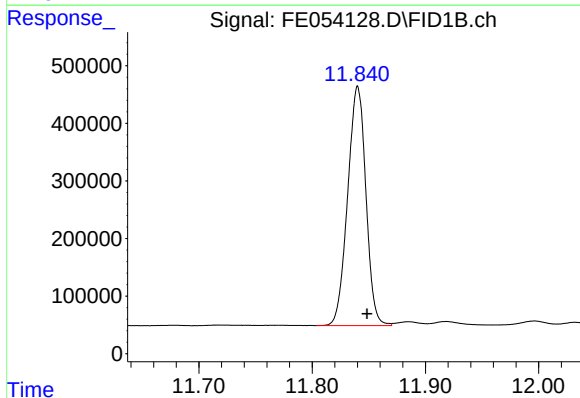
R.T.: 8.456 min
Delta R.T.: -0.021 min
Response: 841001
Conc: 6.23 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-400-CF-402B-62



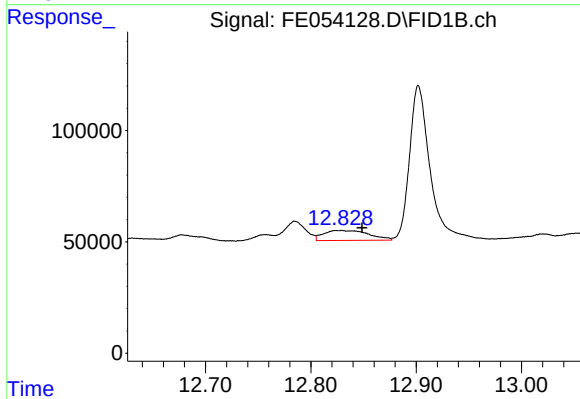
#7 n-Hexadecane (C16)

R.T.: 10.076 min
Delta R.T.: -0.014 min
Response: 21050
Conc: 0.16 ug/ml



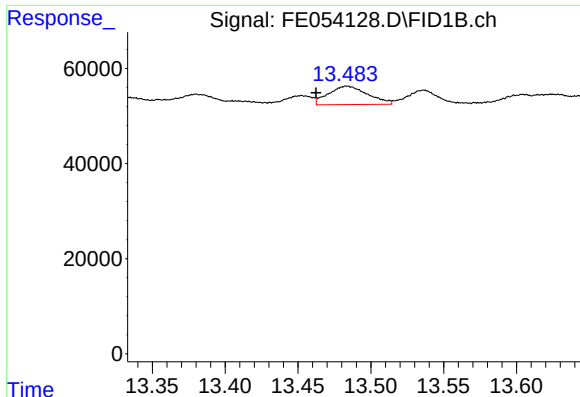
#9 ortho-Terphenyl (SURR)

R.T.: 11.840 min
Delta R.T.: -0.008 min
Response: 4651845
Conc: 28.62 ug/ml



#10 n-Eicosane (C20)

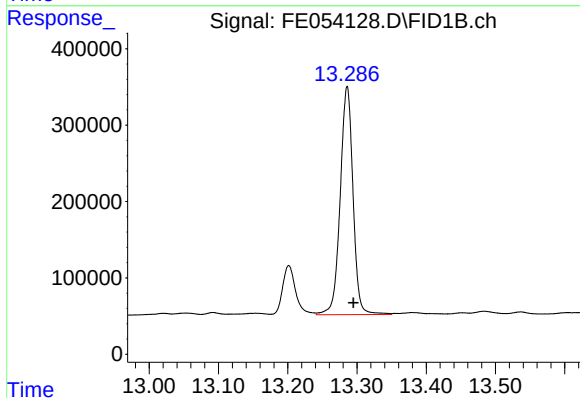
R.T.: 12.827 min
Delta R.T.: -0.021 min
Response: 133672
Conc: 1.02 ug/ml



#11 n-Heneicosane (C21)

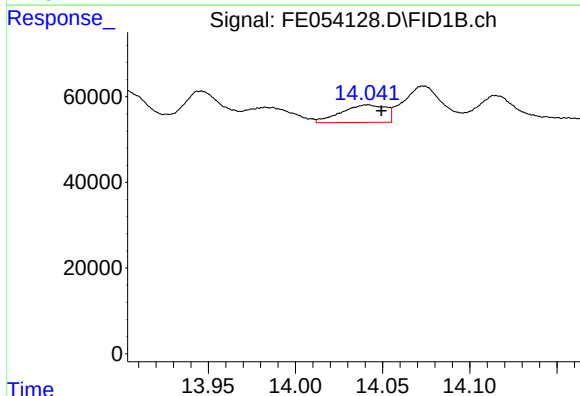
R.T.: 13.484 min
Delta R.T.: 0.021 min
Response: 72941
Conc: 0.56 ug/ml

Instrument :
FID_E
ClientSampleId :
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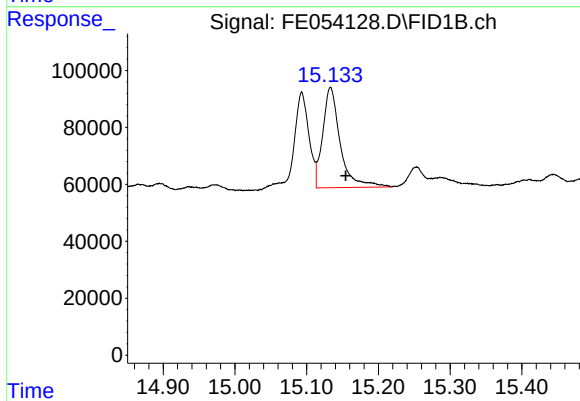
#12 1-chlorooctadecane (SURR)

R.T.: 13.286 min
Delta R.T.: -0.009 min
Response: 3846256
Conc: 32.44 ug/ml



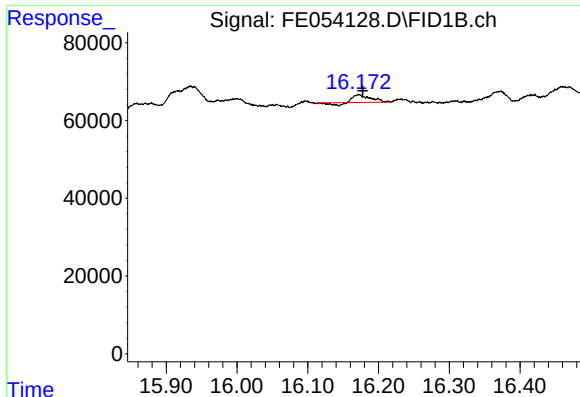
#13 n-Docosane (C22)

R.T.: 14.041 min
Delta R.T.: -0.008 min
Response: 73094
Conc: 0.57 ug/ml



#14 n-Tetracosane (C24)

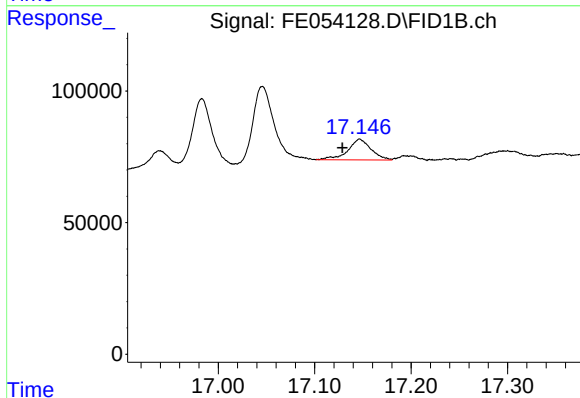
R.T.: 15.133 min
Delta R.T.: -0.021 min
Response: 598892
Conc: 4.79 ug/ml



#15 n-Hexacosane (C26)

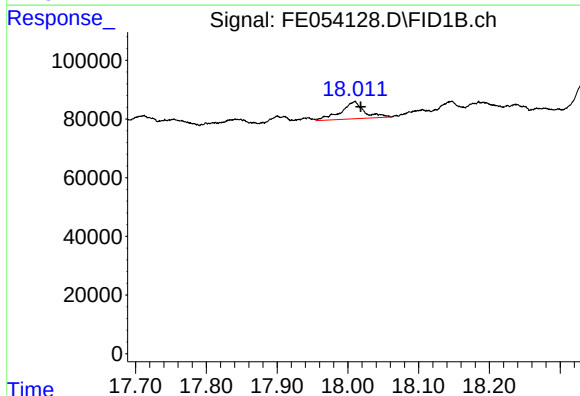
R.T.: 16.172 min
Delta R.T.: -0.006 min
Response: 27498
Conc: 0.22 ug/ml

Instrument :
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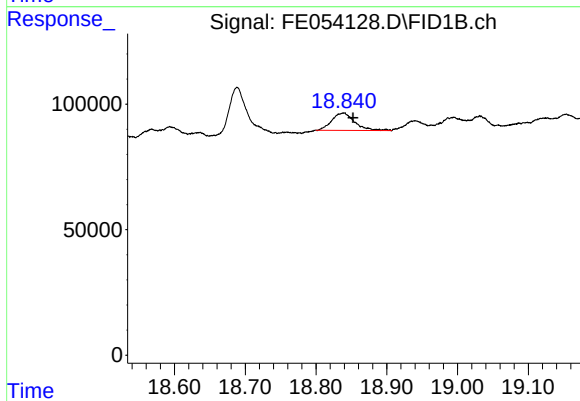
#16 n-Octacosane (C28)

R.T.: 17.147 min
Delta R.T.: 0.018 min
Response: 131116
Conc: 1.08 ug/ml



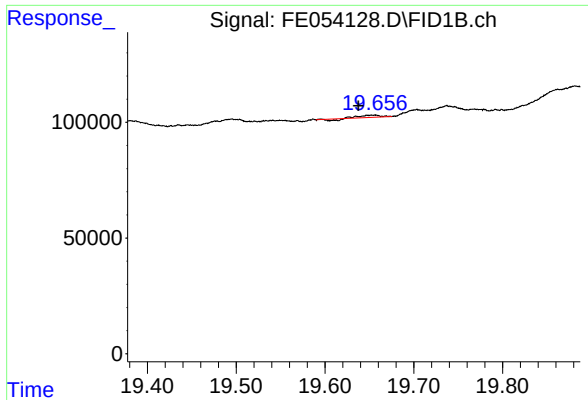
#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: -0.009 min
Response: 134535
Conc: 1.08 ug/ml



#18 n-Dotriacontane (C32)

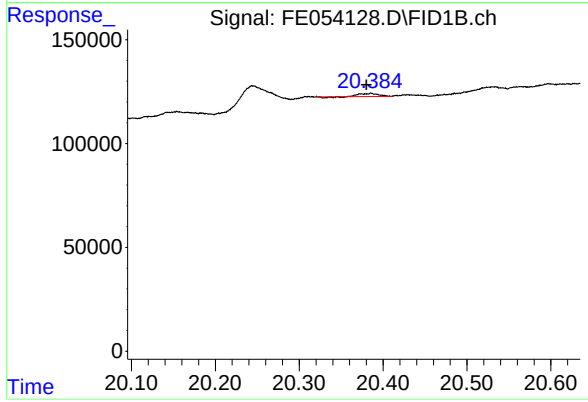
R.T.: 18.838 min
Delta R.T.: -0.014 min
Response: 156285
Conc: 1.25 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: 0.016 min
Response: 10228
Conc: 0.09 ug/ml

Instrument :
FID_E
ClientSampleId :
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#20 n-Hexatriacontane (C36)

R.T.: 20.385 min
Delta R.T.: 0.005 min
Response: 20395
Conc: 0.18 ug/ml