

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051124AL\
 Data File : FE048145.D
 Signal(s) : FID1B.ch
 Acq On : 12 May 2024 08:38
 Operator : YP\AJ
 Sample : PB160844BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 14 02:15:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.955	228581	1.584 ug/ml
Spiked Amount 50.000		Recovery =	3.17%
12) S 1-chlorooctadecane (S...	13.392	5047978	45.176 ug/ml
Spiked Amount 50.000		Recovery =	90.35%
Target Compounds			
4) T n-Dodecane (C12)	6.758	187716	1.408 ug/ml
6) T n-Tetradecane (C14)	8.585	53383	0.403 ug/ml
10) T n-Eicosane (C20)	12.944	44572	0.331 ug/ml
13) T n-Docosane (C22)	14.141	97369	0.735 ug/ml
14) T n-Tetracosane (C24)	15.243	235228	1.767 ug/ml
15) T n-Hexacosane (C26)	16.262	327031	2.451 ug/ml
16) T n-Octacosane (C28)	17.211	441601	3.317 ug/ml
17) T n-Tricontane (C30)	18.098	560614	4.062 ug/ml
18) T n-Dotriacontane (C32)	18.929	554867	4.017 ug/ml
19) T n-Tetratriacontane (C34)	19.712	280121	2.056 ug/ml
20) T n-Hexatriacontane (C36)	20.453	173711	1.283 ug/ml
21) T n-Octatriacontane (C38)	21.190	99403	0.720 ug/ml
22) T n-Tetracontane (C40)	22.110	63604	0.457 ug/ml

(f)=RT Delta > 1/2 Window

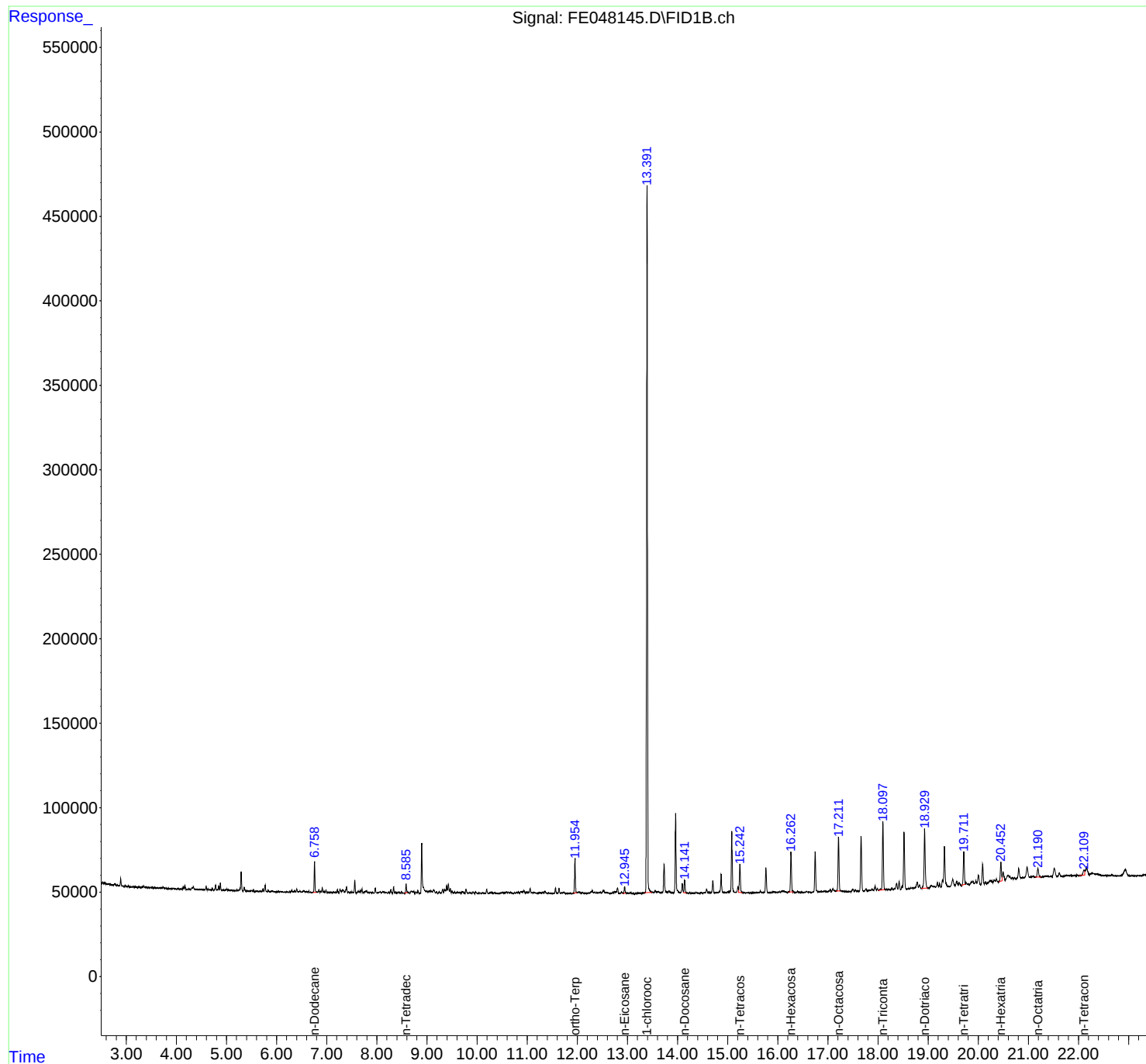
(m)=manual int.

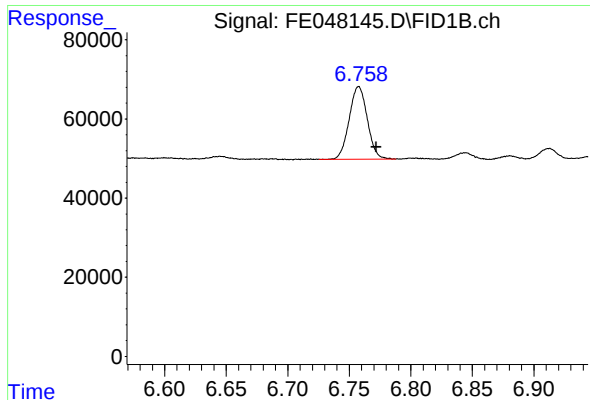
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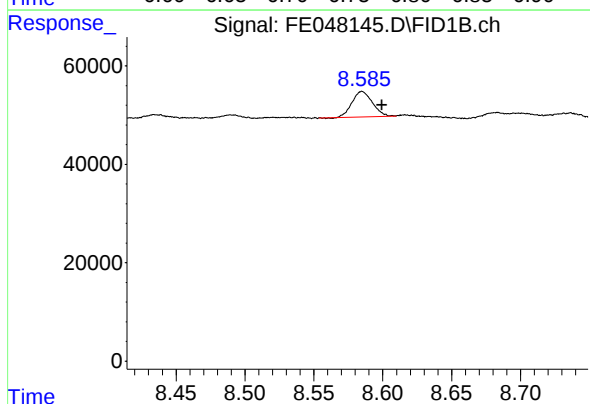




#4 n-Dodecane (C12)

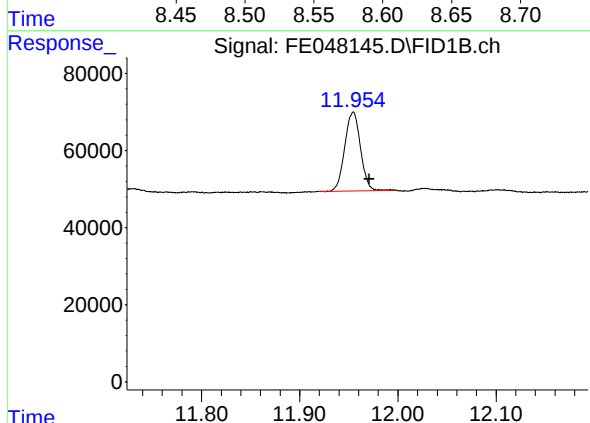
R.T.: 6.758 min
Delta R.T.: -0.014 min
Response: 187716
Conc: 1.41 ug/ml

Instrument :
FID_E
ClientSampleId :



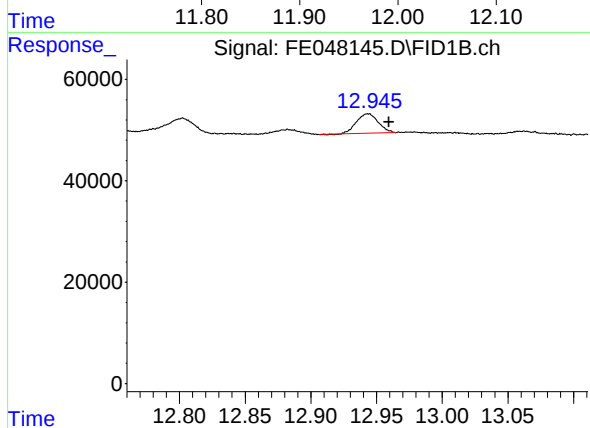
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.015 min
Response: 53383
Conc: 0.40 ug/ml



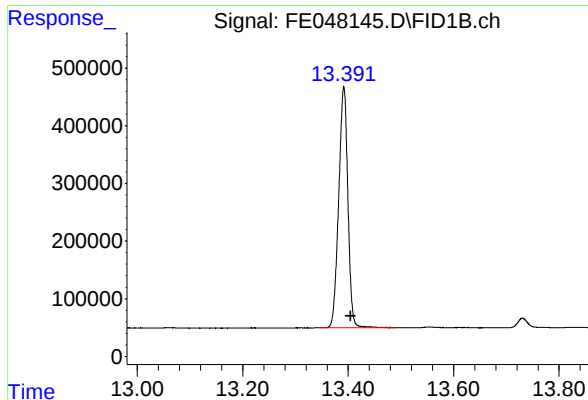
#9 ortho-Terphenyl (SURR)

R.T.: 11.955 min
Delta R.T.: -0.016 min
Response: 228581
Conc: 1.58 ug/ml



#10 n-Eicosane (C20)

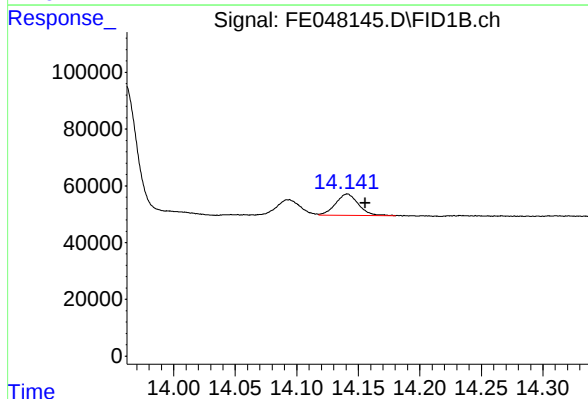
R.T.: 12.944 min
Delta R.T.: -0.016 min
Response: 44572
Conc: 0.33 ug/ml



#12 1-chlorooctadecane (SURR)

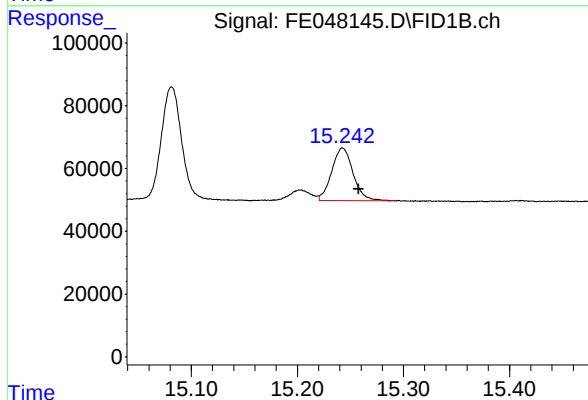
R.T.: 13.392 min
Delta R.T.: -0.013 min
Response: 5047978
Conc: 45.18 ug/ml

Instrument :
FID_E
ClientSampleId :



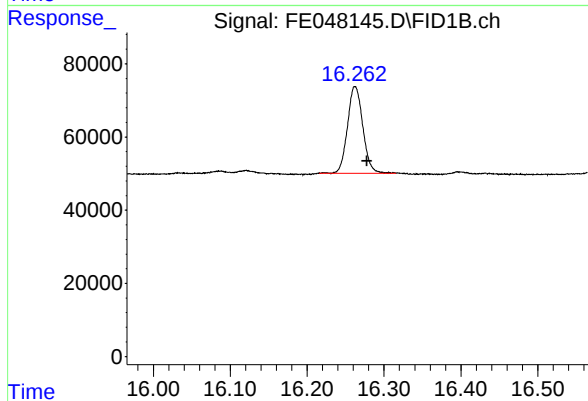
#13 n-Docosane (C22)

R.T.: 14.141 min
Delta R.T.: -0.015 min
Response: 97369
Conc: 0.73 ug/ml



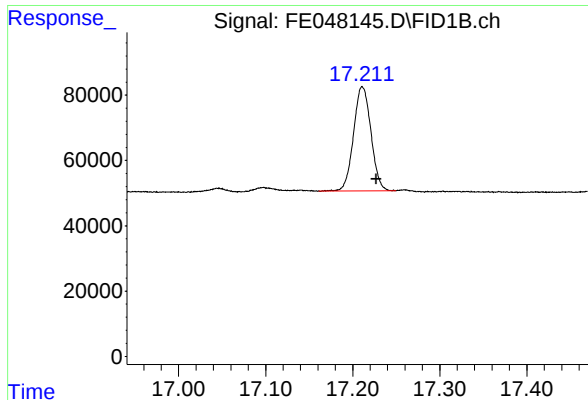
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.015 min
Response: 235228
Conc: 1.77 ug/ml



#15 n-Hexacosane (C26)

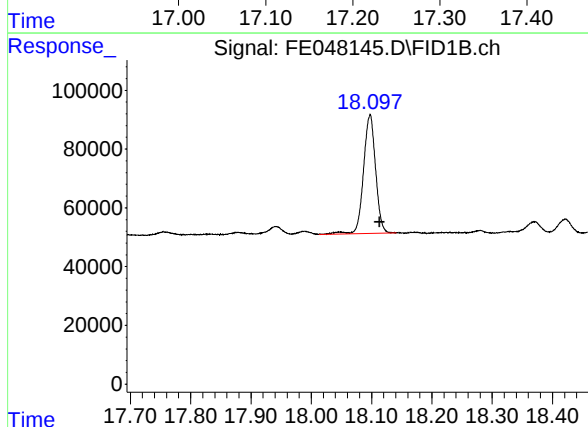
R.T.: 16.262 min
Delta R.T.: -0.016 min
Response: 327031
Conc: 2.45 ug/ml



#16 n-Octacosane (C28)

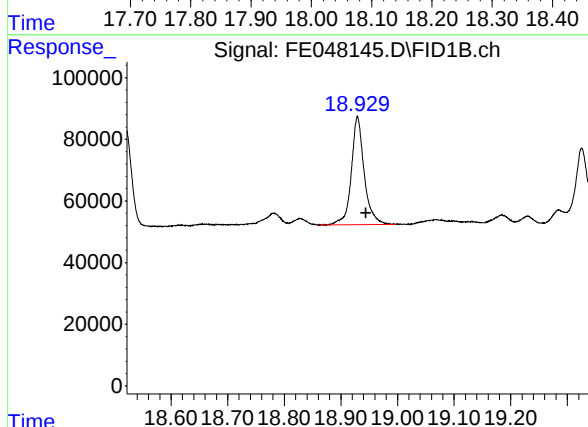
R.T.: 17.211 min
Delta R.T.: -0.016 min
Response: 441601
Conc: 3.32 ug/ml

Instrument :
FID_E
ClientSampleId :



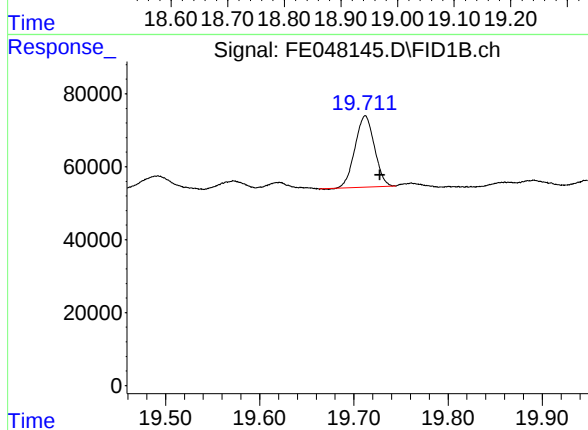
#17 n-Tricontane (C30)

R.T.: 18.098 min
Delta R.T.: -0.016 min
Response: 560614
Conc: 4.06 ug/ml



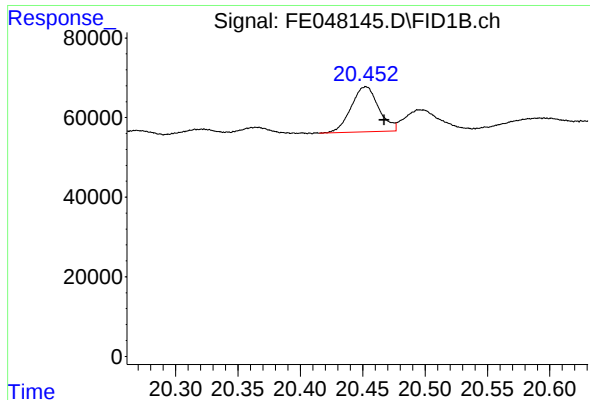
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.015 min
Response: 554867
Conc: 4.02 ug/ml



#19 n-Tetratriacontane (C34)

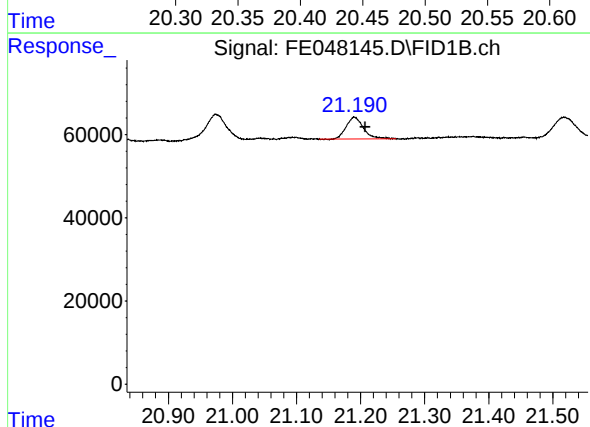
R.T.: 19.712 min
Delta R.T.: -0.016 min
Response: 280121
Conc: 2.06 ug/ml



#20 n-Hexatriacontane (C36)

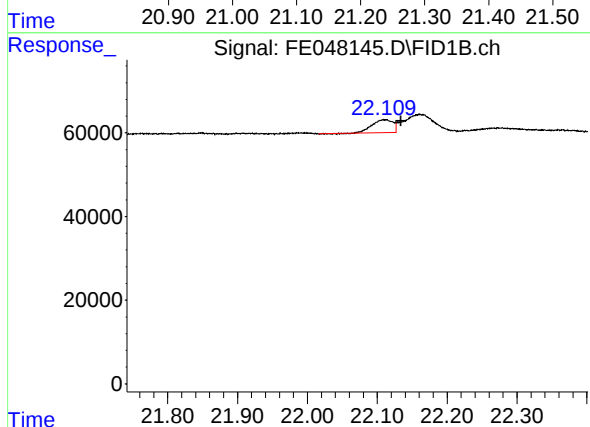
R.T.: 20.453 min
Delta R.T.: -0.015 min
Response: 173711
Conc: 1.28 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: -0.017 min
Response: 99403
Conc: 0.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.110 min
Delta R.T.: -0.024 min
Response: 63604
Conc: 0.46 ug/ml