

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092724AL\
 Data File : FE050419.D
 Signal(s) : FID1B.ch
 Acq On : 27 Sep 2024 18:51
 Operator : YP\AJ
 Sample : P4213-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 28 00:18:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.865	3758881	25.265 ug/ml
Spiked Amount 50.000		Recovery =	50.53%
12) S 1-chlorooctadecane (S...	13.299	3229662	28.752 ug/ml
Spiked Amount 50.000		Recovery =	57.50%
Target Compounds			
7) T n-Hexadecane (C16)	10.103	81486	0.587 ug/ml
8) T n-Octadecane (C18)	11.544	100023	0.714 ug/ml
10) T n-Eicosane (C20)	12.851	95969	0.715 ug/ml
11) T n-Heneicosane (C21)	13.462	98576	0.750 ug/ml
13) T n-Docosane (C22)	14.049	119254	0.916 ug/ml
14) T n-Tetracosane (C24)	15.147	894274	6.848 ug/ml
15) T n-Hexacosane (C26)	16.171	24101	0.188 ug/ml
16) T n-Octacosane (C28)	17.117	157452	1.222 ug/ml
17) T n-Tricontane (C30)	18.004	202059	1.511 ug/ml
18) T n-Dotriacontane (C32)	18.836	133627	1.003 ug/ml
19) T n-Tetratriacontane (C34)	19.618	123519	1.000 ug/ml
20) T n-Hexatriacontane (C36)	20.358	58110	0.524 ug/ml

(f)=RT Delta > 1/2 Window

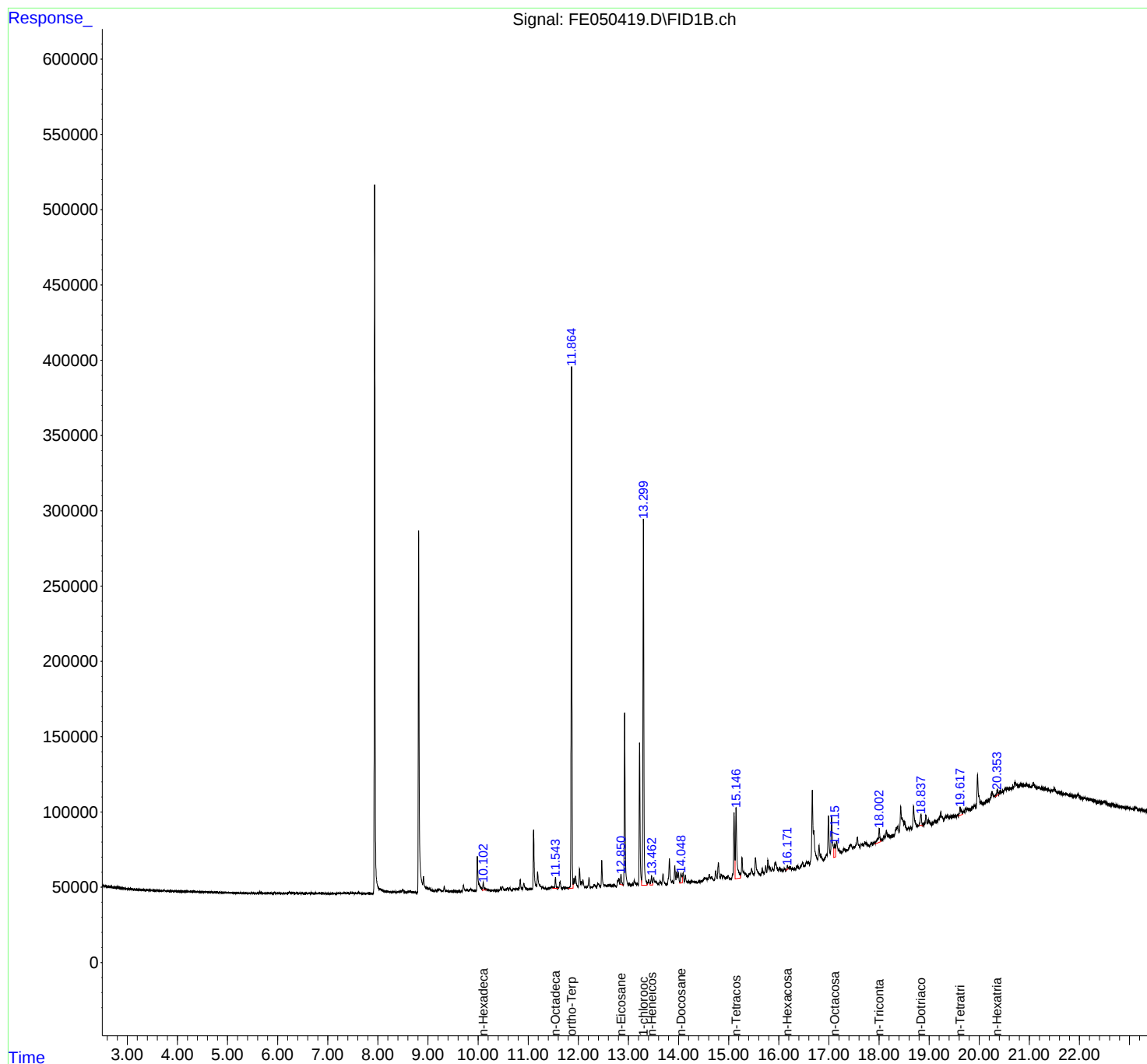
(m)=manual int.

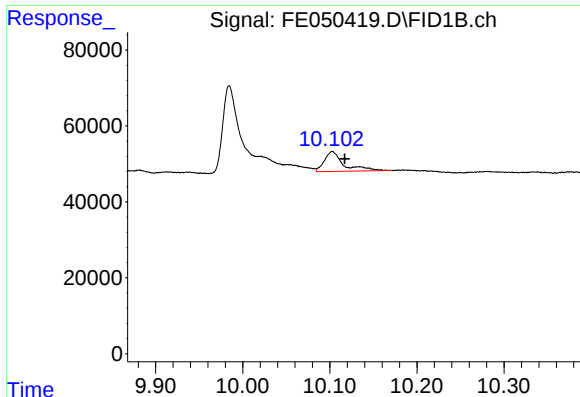
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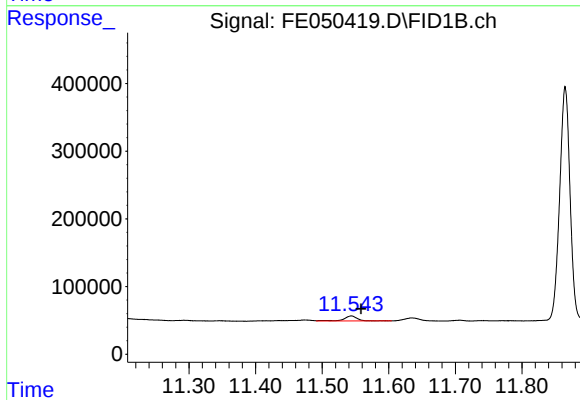




#7 n-Hexadecane (C16)

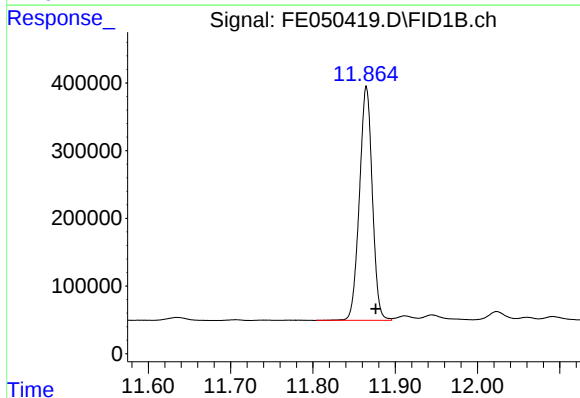
R.T.: 10.103 min
Delta R.T.: -0.014 min
Response: 81486
Conc: 0.59 ug/ml

Instrument :
FID_E
ClientSampleId :



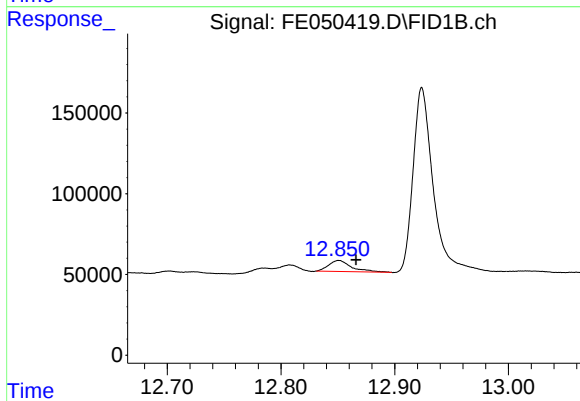
#8 n-Octadecane (C18)

R.T.: 11.544 min
Delta R.T.: -0.015 min
Response: 100023
Conc: 0.71 ug/ml



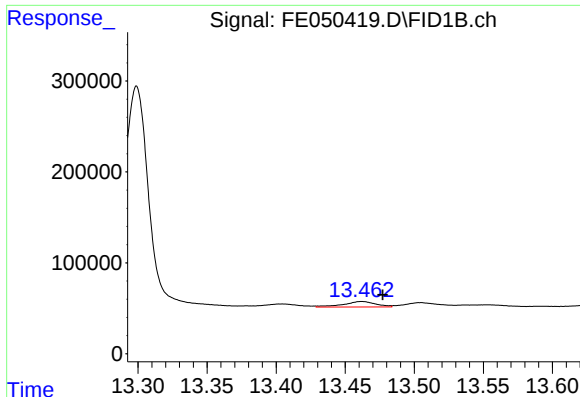
#9 ortho-Terphenyl (SURR)

R.T.: 11.865 min
Delta R.T.: -0.012 min
Response: 3758881
Conc: 25.26 ug/ml



#10 n-Eicosane (C20)

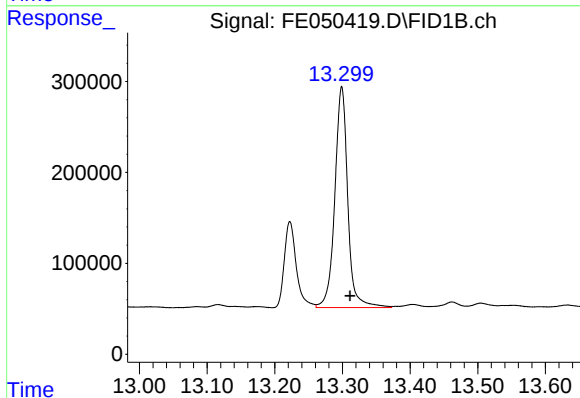
R.T.: 12.851 min
Delta R.T.: -0.015 min
Response: 95969
Conc: 0.72 ug/ml



#11 n-Heneicosane (C21)

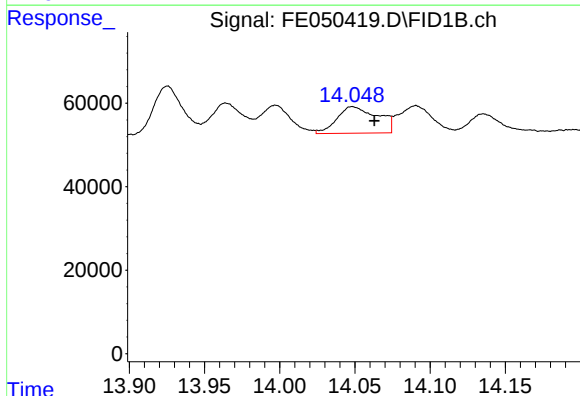
R.T.: 13.462 min
Delta R.T.: -0.015 min
Response: 98576
Conc: 0.75 ug/ml

Instrument :
FID_E
ClientSampleId :



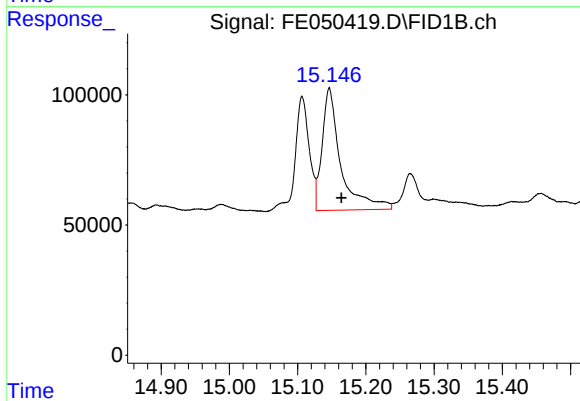
#12 1-chlorooctadecane (SURR)

R.T.: 13.299 min
Delta R.T.: -0.013 min
Response: 3229662
Conc: 28.75 ug/ml



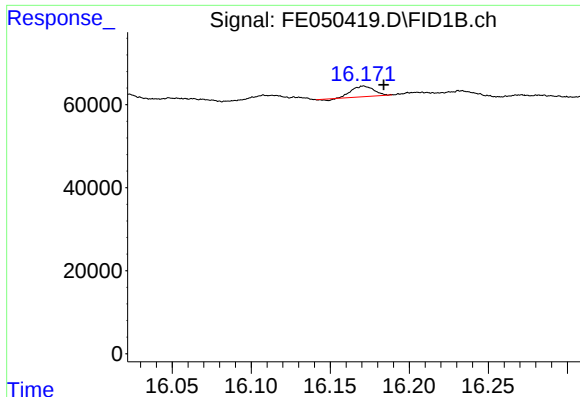
#13 n-Docosane (C22)

R.T.: 14.049 min
Delta R.T.: -0.014 min
Response: 119254
Conc: 0.92 ug/ml



#14 n-Tetracosane (C24)

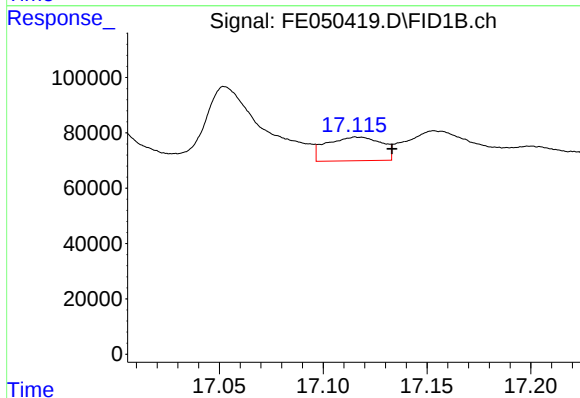
R.T.: 15.147 min
Delta R.T.: -0.018 min
Response: 894274
Conc: 6.85 ug/ml



#15 n-Hexacosane (C26)

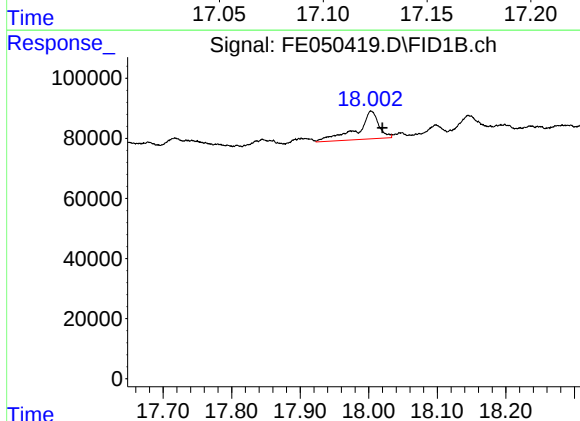
R.T.: 16.171 min
Delta R.T.: -0.013 min
Response: 24101
Conc: 0.19 ug/ml

Instrument :
FID_E
ClientSampleId :



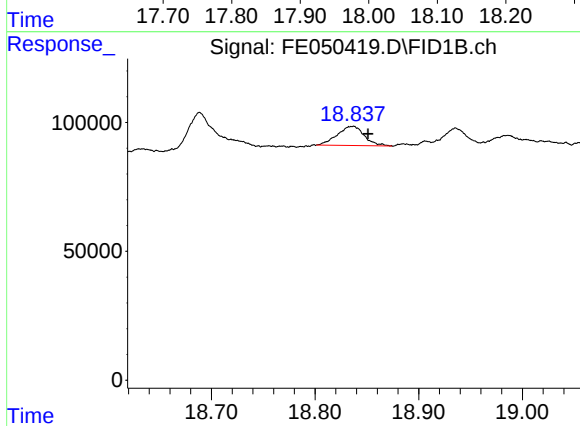
#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: -0.017 min
Response: 157452
Conc: 1.22 ug/ml



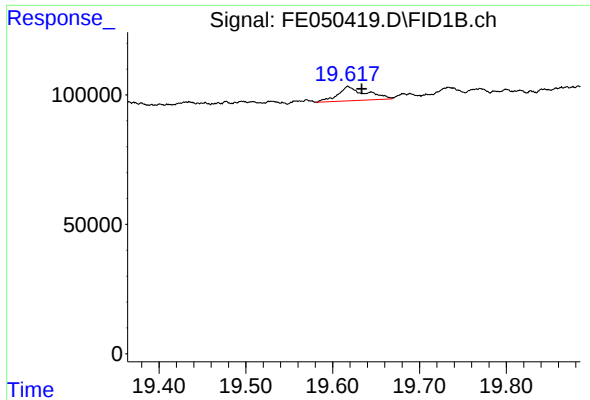
#17 n-Tricontane (C30)

R.T.: 18.004 min
Delta R.T.: -0.016 min
Response: 202059
Conc: 1.51 ug/ml



#18 n-Dotriacontane (C32)

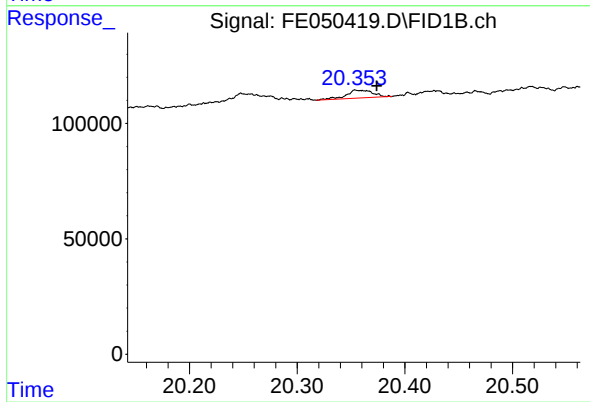
R.T.: 18.836 min
Delta R.T.: -0.015 min
Response: 133627
Conc: 1.00 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.618 min
Delta R.T.: -0.015 min
Response: 123519
Conc: 1.00 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: -0.016 min
Response: 58110
Conc: 0.52 ug/ml