

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112724AL\
 Data File : FE051490.D
 Signal(s) : FID1B.ch
 Acq On : 27 Nov 2024 17:54
 Operator : YP\AJ
 Sample : P5019-01DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 28 03:06:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 07 04:56:04 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)	11.833	969310	6.458 ug/ml
Spiked Amount 50.000		Recovery =	12.92%
12) S 1-chlorooctadecane (S...	13.261	1571655	13.843 ug/ml
Spiked Amount 50.000		Recovery =	27.69%
Target Compounds			
6) T n-Tetradecane (C14)	8.465	116836	0.838 ug/ml
7) T n-Hexadecane (C16)	10.071	135378	0.954 ug/ml
8) T n-Octadecane (C18)	11.510	141377	0.990 ug/ml
10) T n-Eicosane (C20)	12.818	200889	1.468 ug/ml
11) T n-Heneicosane (C21)	13.462	754976	5.649 ug/ml
13) T n-Docosane (C22)	14.014	66894	0.503 ug/ml
14) T n-Tetracosane (C24)	15.133	466336	3.515 ug/ml
16) T n-Octacosane (C28)	17.149	116720	0.856 ug/ml
17) T n-Tricontane (C30)	17.968	120999	0.833 ug/ml
18) T n-Dotriacontane (C32)	18.801	195978	1.320 ug/ml
19) T n-Tetratriacontane (C34)	19.595	150506	1.120 ug/ml
20) T n-Hexatriacontane (C36)	20.364	244056	2.045 ug/ml

(f)=RT Delta > 1/2 Window

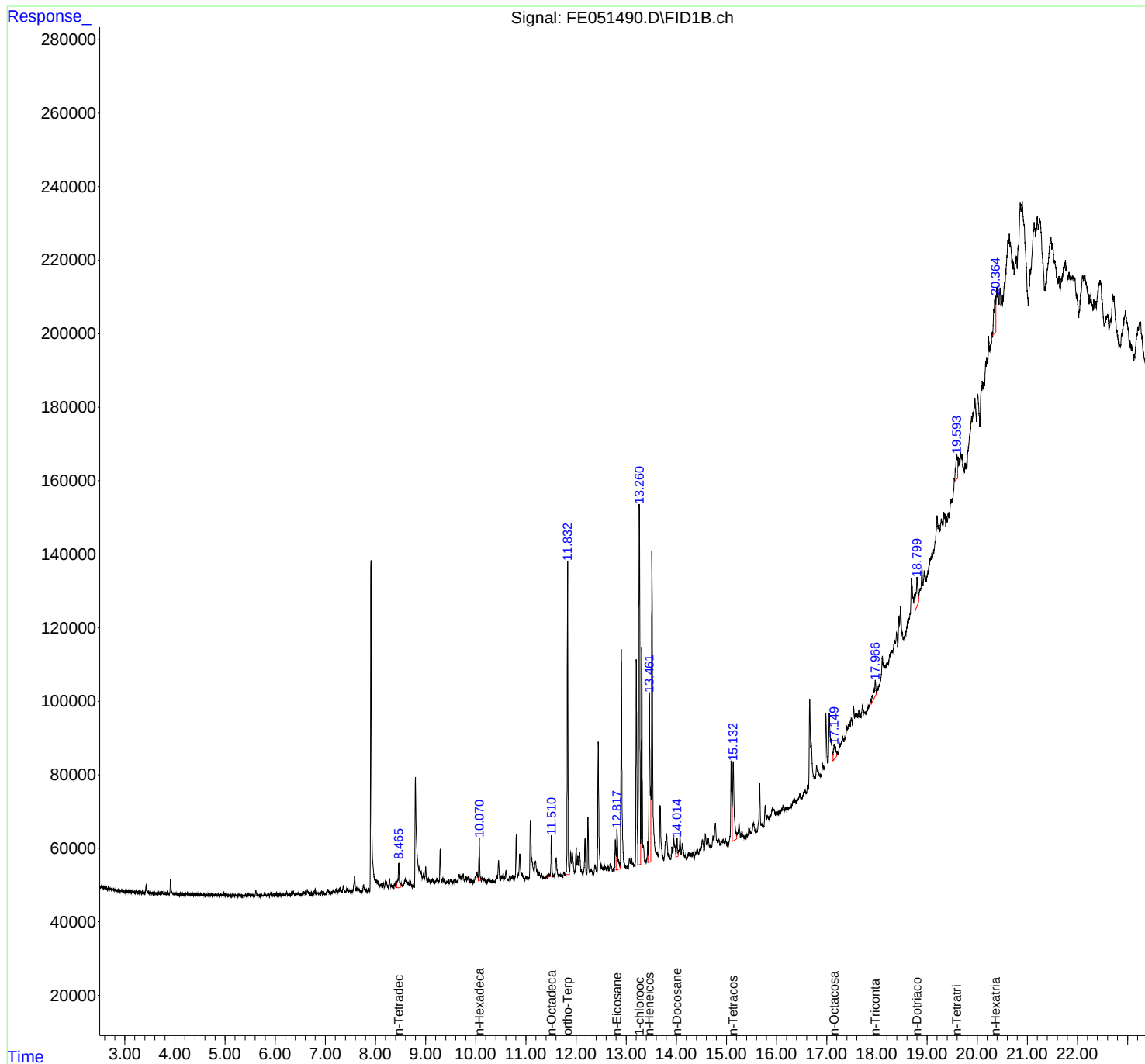
(m)=manual int.

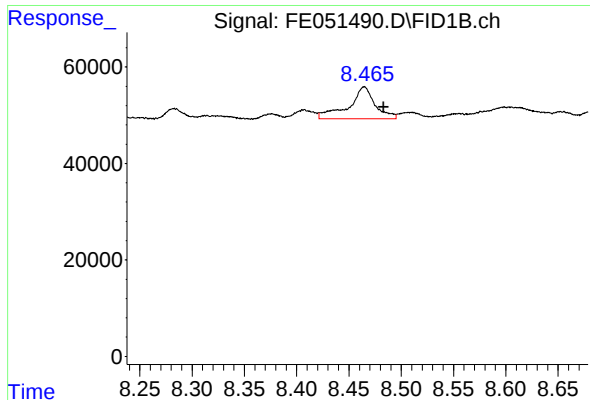
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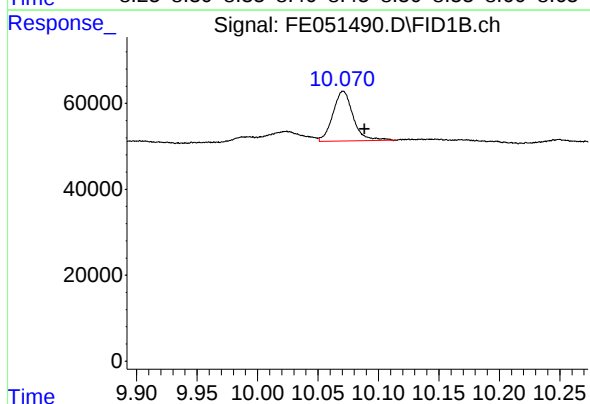




#6 n-Tetradecane (C14)

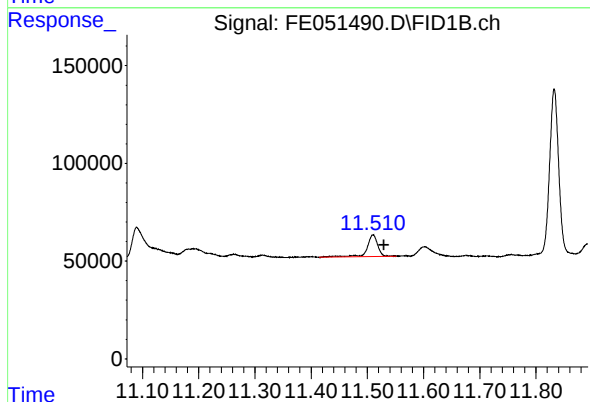
R.T.: 8.465 min
Delta R.T.: -0.019 min
Response: 116836
Conc: 0.84 ug/ml

Instrument :
FID_E
ClientSampleId :



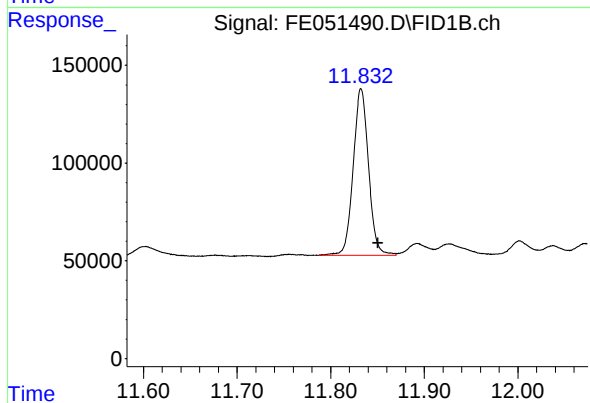
#7 n-Hexadecane (C16)

R.T.: 10.071 min
Delta R.T.: -0.018 min
Response: 135378
Conc: 0.95 ug/ml



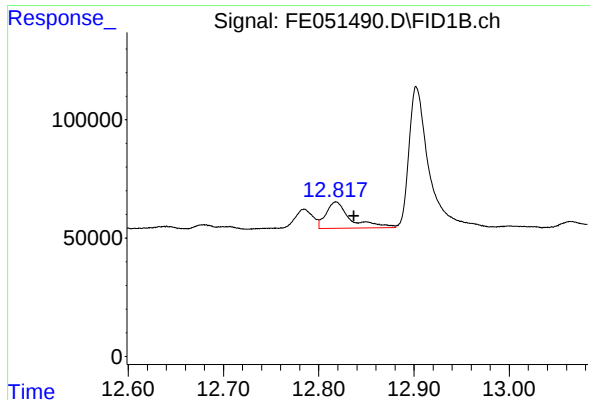
#8 n-Octadecane (C18)

R.T.: 11.510 min
Delta R.T.: -0.020 min
Response: 141377
Conc: 0.99 ug/ml



#9 ortho-Terphenyl (SURR)

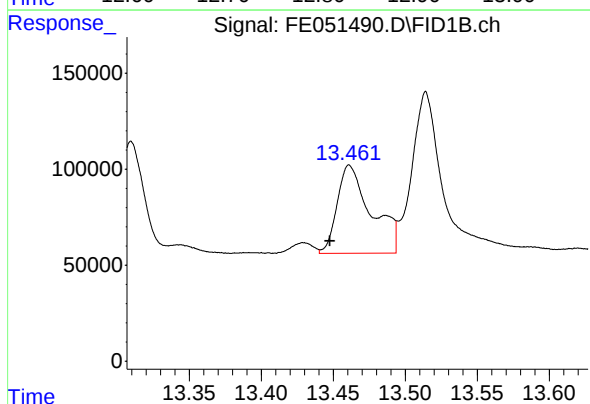
R.T.: 11.833 min
Delta R.T.: -0.018 min
Response: 969310
Conc: 6.46 ug/ml



#10 n-Eicosane (C20)

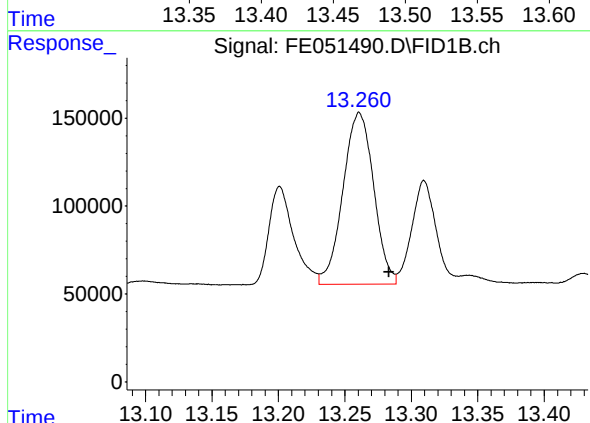
R.T.: 12.818 min
Delta R.T.: -0.019 min
Response: 200889
Conc: 1.47 ug/ml

Instrument :
FID_E
ClientSampleId :



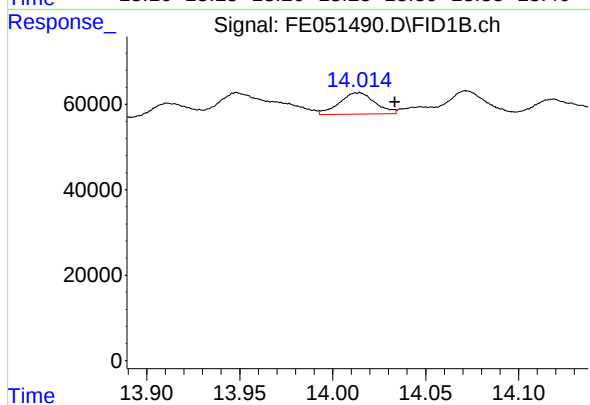
#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: 0.014 min
Response: 754976
Conc: 5.65 ug/ml



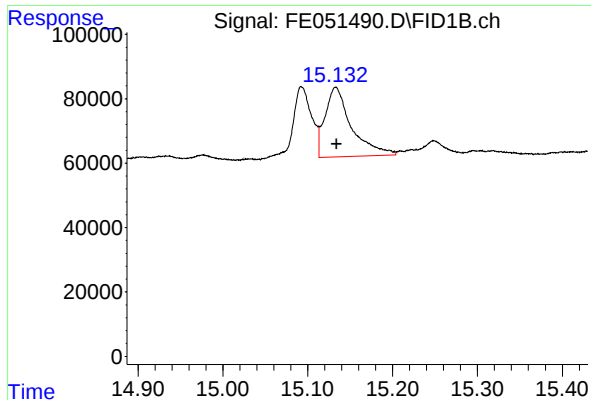
#12 1-chlorooctadecane (SURR)

R.T.: 13.261 min
Delta R.T.: -0.022 min
Response: 1571655
Conc: 13.84 ug/ml



#13 n-Docosane (C22)

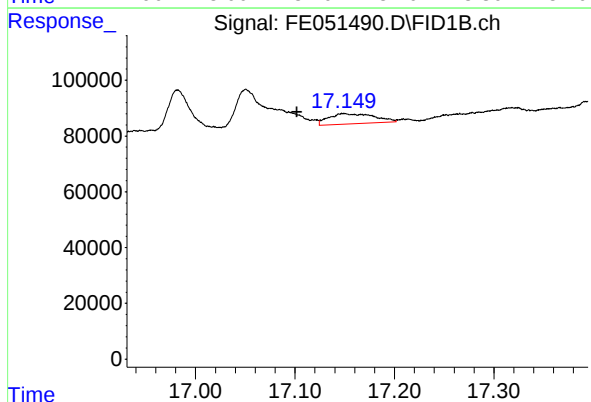
R.T.: 14.014 min
Delta R.T.: -0.020 min
Response: 66894
Conc: 0.50 ug/ml



#14 n-Tetracosane (C24)

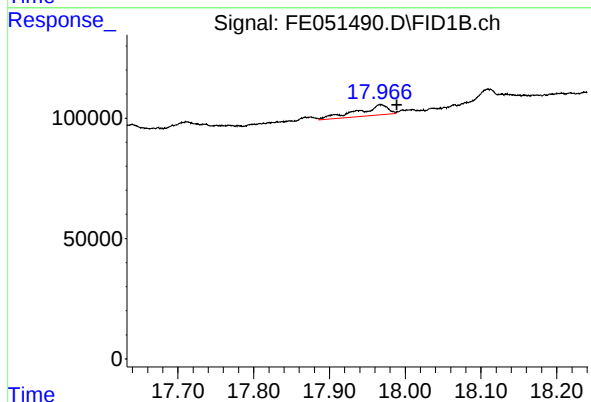
R.T.: 15.133 min
Delta R.T.: -0.001 min
Response: 466336
Conc: 3.52 ug/ml

Instrument :
FID_E
ClientSampleId :



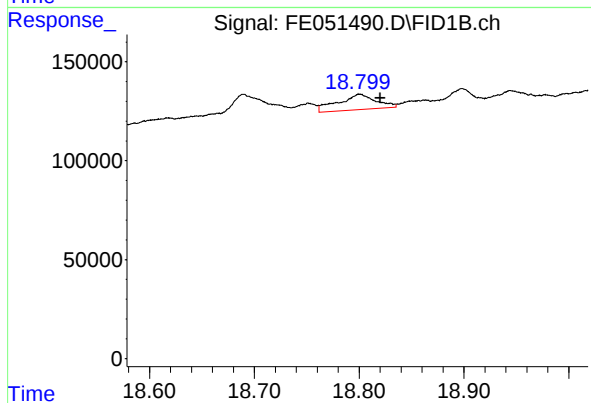
#16 n-Octacosane (C28)

R.T.: 17.149 min
Delta R.T.: 0.047 min
Response: 116720
Conc: 0.86 ug/ml



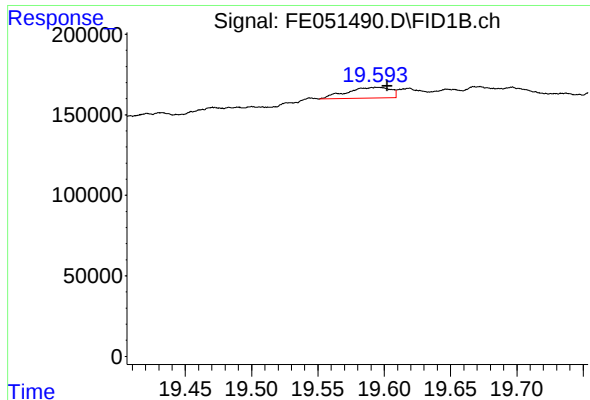
#17 n-Tricontane (C30)

R.T.: 17.968 min
Delta R.T.: -0.021 min
Response: 120999
Conc: 0.83 ug/ml



#18 n-Dotriacontane (C32)

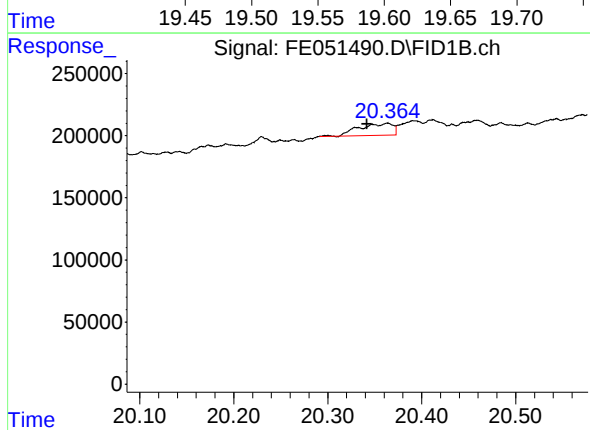
R.T.: 18.801 min
Delta R.T.: -0.019 min
Response: 195978
Conc: 1.32 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.595 min
Delta R.T.: -0.008 min
Response: 150506
Conc: 1.12 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.364 min
Delta R.T.: 0.022 min
Response: 244056
Conc: 2.05 ug/ml