

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053025AL\
 Data File : FE054093.D
 Signal(s) : FID1B.ch
 Acq On : 30 May 2025 11:31
 Operator : YP\AJ
 Sample : Q2137-01DL 250X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MOO-25-0151DL

Integration File: autoint1.e
 Quant Time: May 30 22:53:45 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)	11.843	42422	0.261 ug/ml
Spiked Amount 50.000		Recovery =	0.52%
12) S 1-chlorooctadecane (S...	13.292	100362	0.847 ug/ml
Spiked Amount 50.000		Recovery =	1.69%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.144	27722	0.193 ug/ml
6) T n-Tetradecane (C14)	8.469	23303	0.173 ug/ml
7) T n-Hexadecane (C16)	10.082	46742	0.346 ug/ml
8) T n-Octadecane (C18)	11.528	33695	0.250 ug/ml
10) T n-Eicosane (C20)	12.841	32768	0.249 ug/ml
11) T n-Heneicosane (C21)	13.455	16542	0.128 ug/ml
13) T n-Docosane (C22)	14.095	27773	0.218 ug/ml
14) T n-Tetracosane (C24)	15.193	51996	0.416 ug/ml
16) T n-Octacosane (C28)	17.109	179317	1.475 ug/ml
17) T n-Tricontane (C30)	18.012	19921	0.160 ug/ml
18) T n-Dotriacontane (C32)	18.833	49911	0.399 ug/ml
19) T n-Tetratriacontane (C34)	19.617	24281	0.204 ug/ml
20) T n-Hexatriacontane (C36)	20.384	555150	4.795 ug/ml
21) T n-Octatriacontane (C38)	21.101	950523	8.734 ug/ml

(f)=RT Delta > 1/2 Window

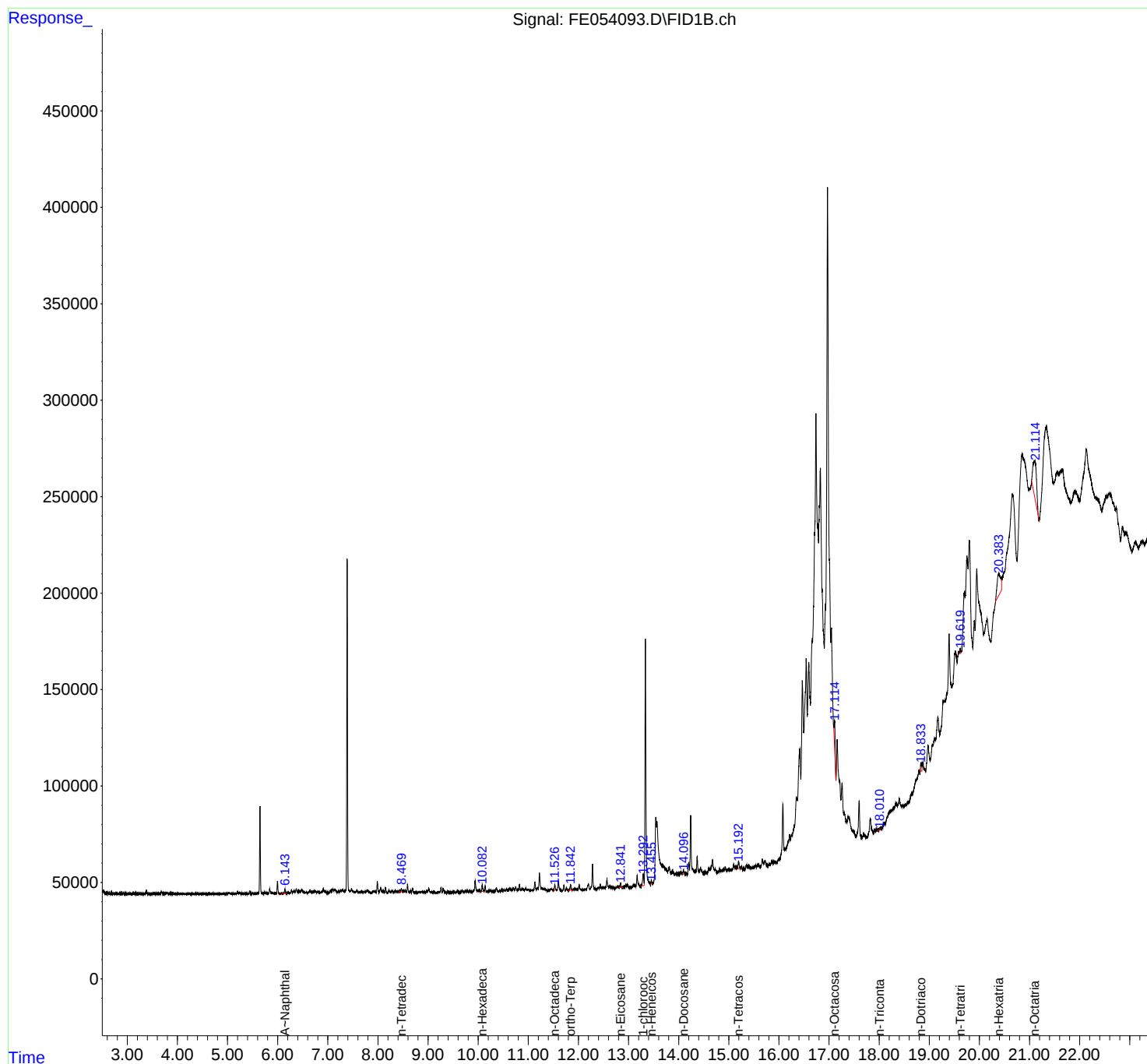
(m)=manual int.

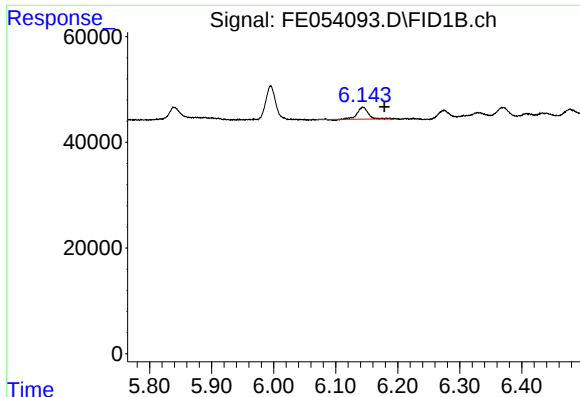
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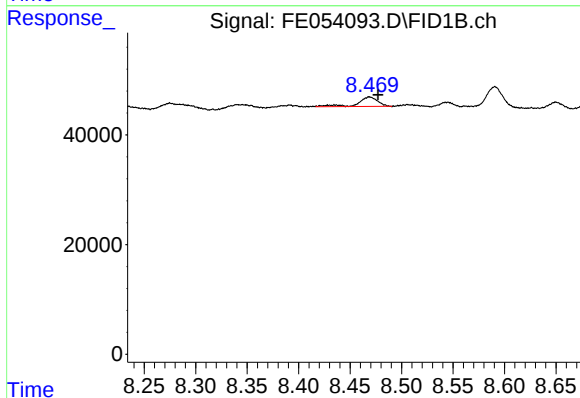




#3 A~Naphthalene (C11.7)

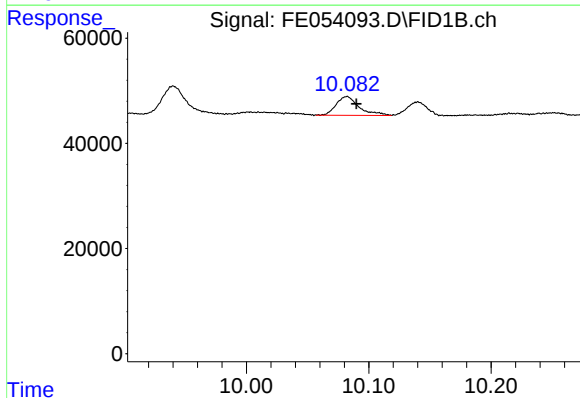
R.T.: 6.144 min
Delta R.T.: -0.034 min
Response: 27722
Conc: 0.19 ug/ml

Instrument :
FID_E
ClientSampleId :
MOO-25-0151DL



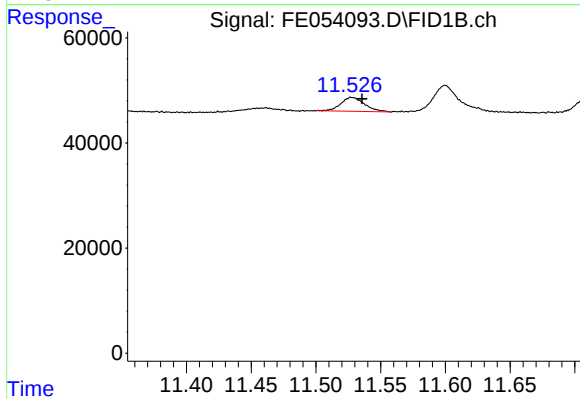
#6 n-Tetradecane (C14)

R.T.: 8.469 min
Delta R.T.: -0.008 min
Response: 23303
Conc: 0.17 ug/ml



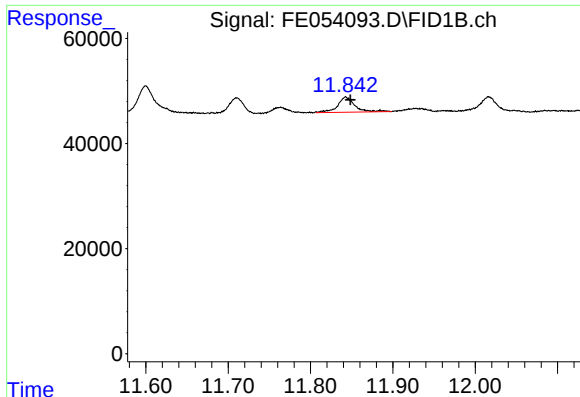
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.008 min
Response: 46742
Conc: 0.35 ug/ml



#8 n-Octadecane (C18)

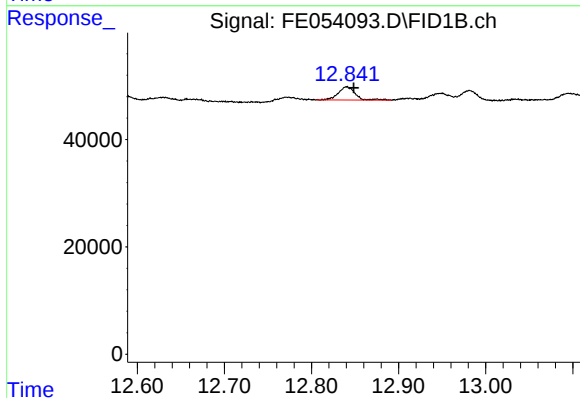
R.T.: 11.528 min
Delta R.T.: -0.008 min
Response: 33695
Conc: 0.25 ug/ml



#9 ortho-Terphenyl (SURR)

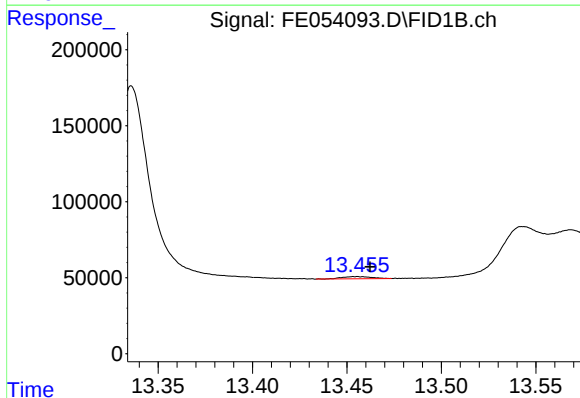
R.T.: 11.843 min
Delta R.T.: -0.005 min
Response: 42422
Conc: 0.26 ug/ml

Instrument :
FID_E
ClientSampleId :
MOO-25-0151DL



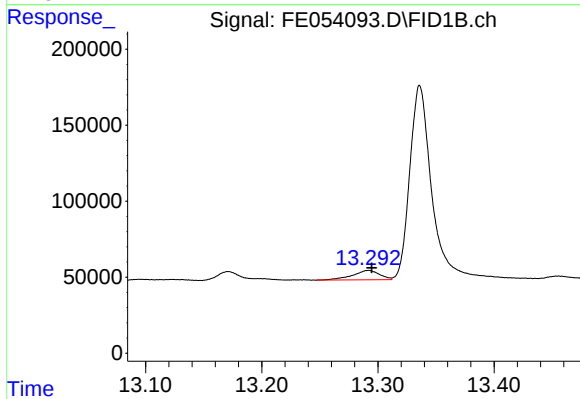
#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: -0.008 min
Response: 32768
Conc: 0.25 ug/ml



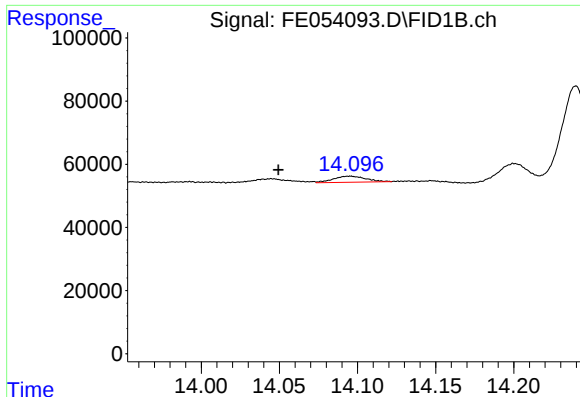
#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.007 min
Response: 16542
Conc: 0.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.292 min
Delta R.T.: -0.003 min
Response: 100362
Conc: 0.85 ug/ml



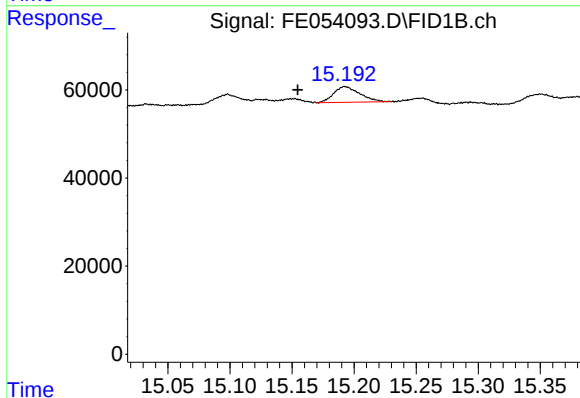
#13 n-Docosane (C22)

R.T.: 14.095 min
Delta R.T.: 0.046 min
Response: 27773
Conc: 0.22 ug/ml

Instrument :

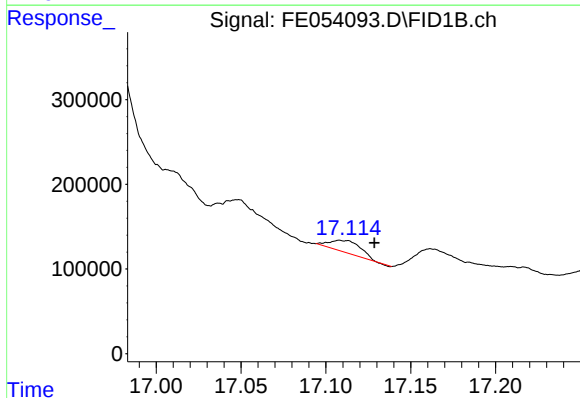
FID_E

ClientSampleId :
MOO-25-0151DL



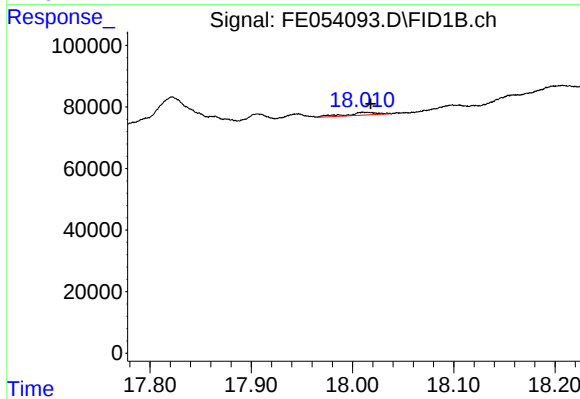
#14 n-Tetracosane (C24)

R.T.: 15.193 min
Delta R.T.: 0.038 min
Response: 51996
Conc: 0.42 ug/ml



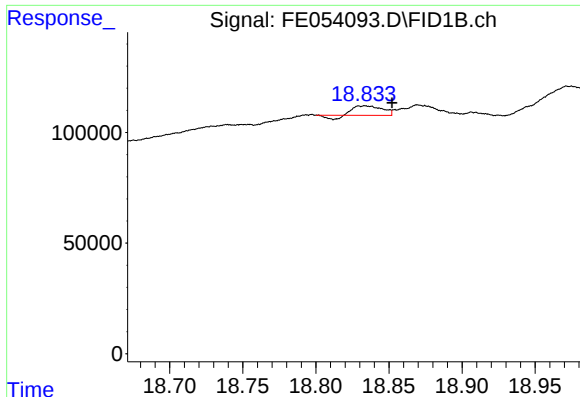
#16 n-Octacosane (C28)

R.T.: 17.109 min
Delta R.T.: -0.019 min
Response: 179317
Conc: 1.48 ug/ml



#17 n-Tricontane (C30)

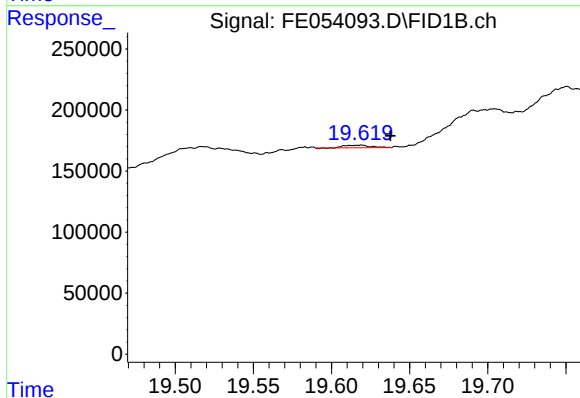
R.T.: 18.012 min
Delta R.T.: -0.006 min
Response: 19921
Conc: 0.16 ug/ml



#18 n-Dotriacontane (C32)

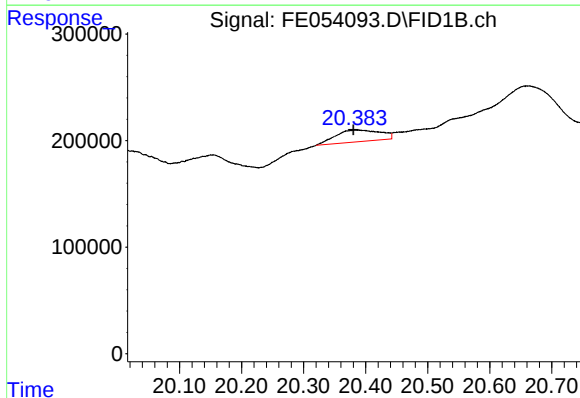
R.T.: 18.833 min
Delta R.T.: -0.019 min
Response: 49911
Conc: 0.40 ug/ml

Instrument :
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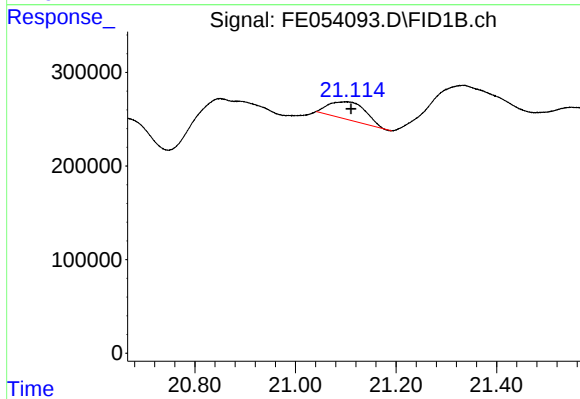
#19 n-Tetratriacontane (C34)

R.T.: 19.617 min
Delta R.T.: -0.021 min
Response: 24281
Conc: 0.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: 0.003 min
Response: 555150
Conc: 4.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.010 min
Response: 950523
Conc: 8.73 ug/ml