

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072225AL\
 Data File : FE054967.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jul 2025 18:45
 Operator : YP\AJ
 Sample : Q2649-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 23 04:32:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.087	4943870	30.444 ug/ml
Spiked Amount 50.000		Recovery =	60.89%
12) S 1-chlorooctadecane (S...	13.523	4142940	32.804 ug/ml
Spiked Amount 50.000		Recovery =	65.61%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.403	32076	0.212 ug/ml
7) T n-Hexadecane (C16)	10.329	45031	0.316 ug/ml
10) T n-Eicosane (C20)	13.069	117148	0.815 ug/ml
11) T n-Heneicosane (C21)	13.715	118296	0.828 ug/ml
13) T n-Docosane (C22)	14.277	86191	0.604 ug/ml
14) T n-Tetracosane (C24)	15.373	924096	6.357 ug/ml
15) T n-Hexacosane (C26)	16.407	36624	0.253 ug/ml
16) T n-Octacosane (C28)	17.379	300220	2.060 ug/ml
17) T n-Tricontane (C30)	18.248	206204	1.309 ug/ml
18) T n-Dotriacontane (C32)	19.079	86879	0.537 ug/ml
19) T n-Tetratriacontane (C34)	19.865	80584	0.529 ug/ml
20) T n-Hexatriacontane (C36)	20.585	55461	0.412 ug/ml

(f)=RT Delta > 1/2 Window

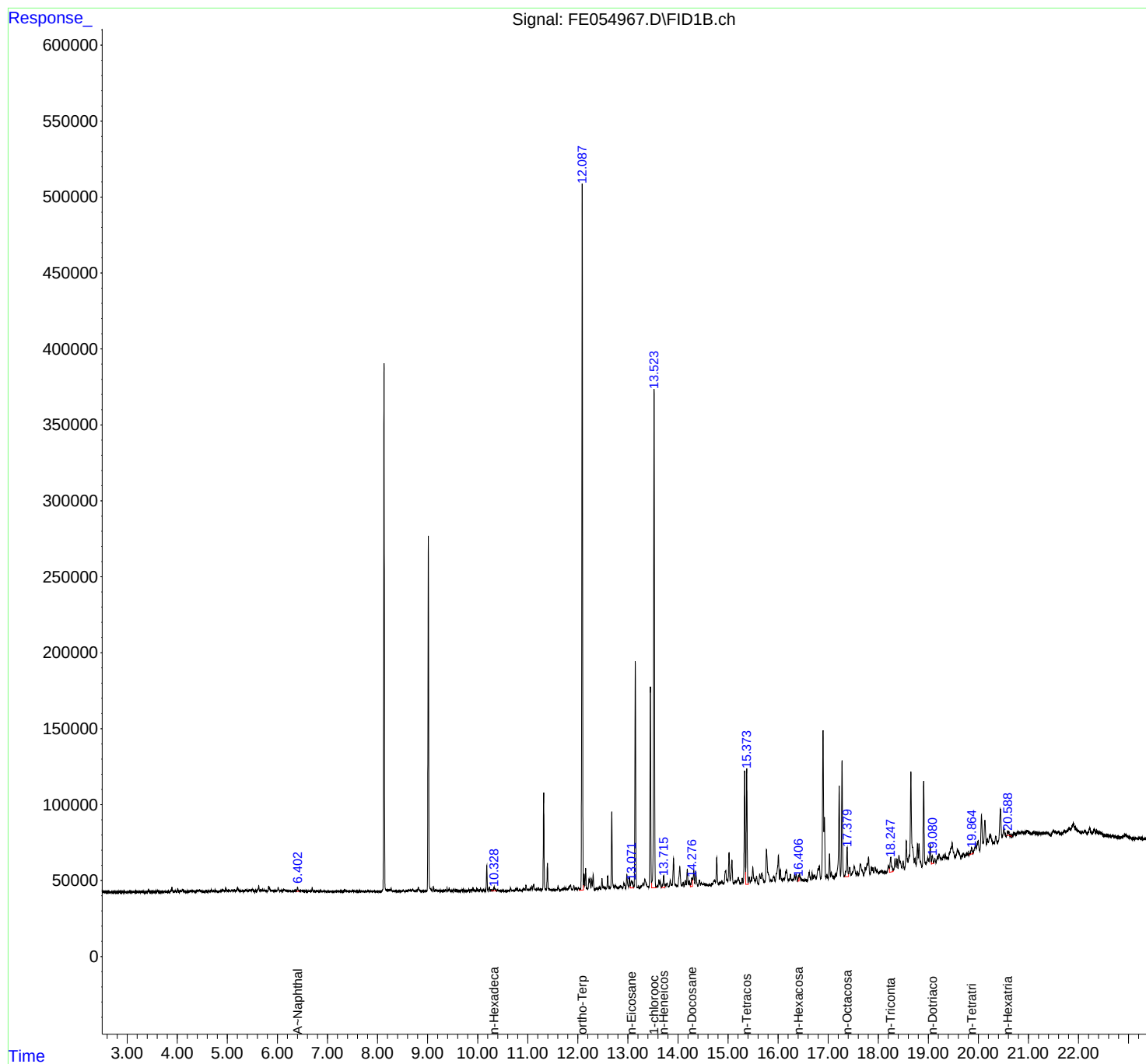
(m)=manual int.

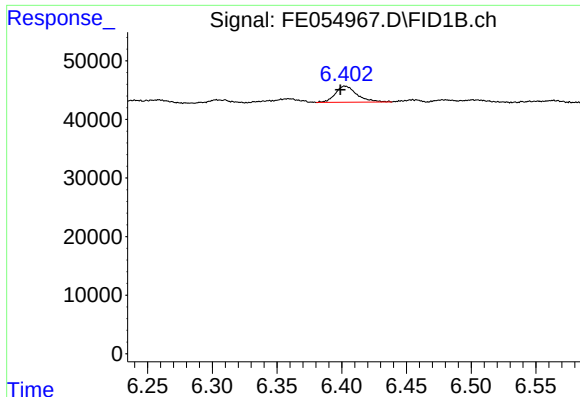
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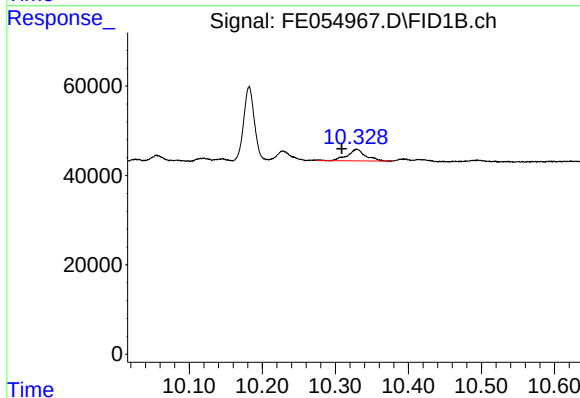




#3 A~Naphthalene (C11.7)

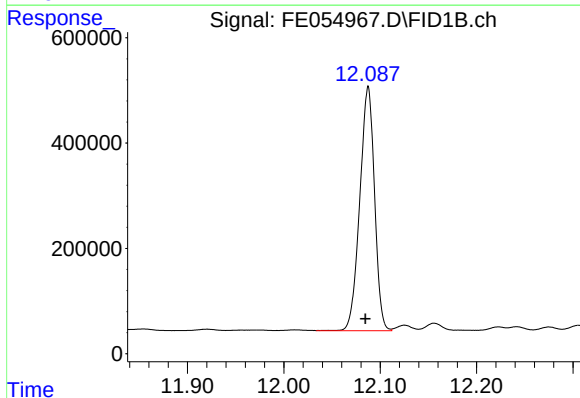
R.T.: 6.403 min
Delta R.T.: 0.004 min
Response: 32076
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



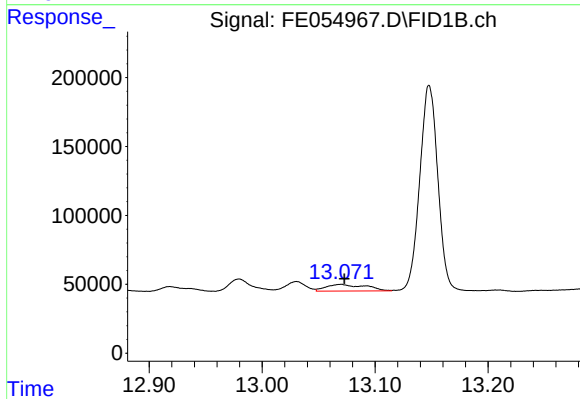
#7 n-Hexadecane (C16)

R.T.: 10.329 min
Delta R.T.: 0.021 min
Response: 45031
Conc: 0.32 ug/ml



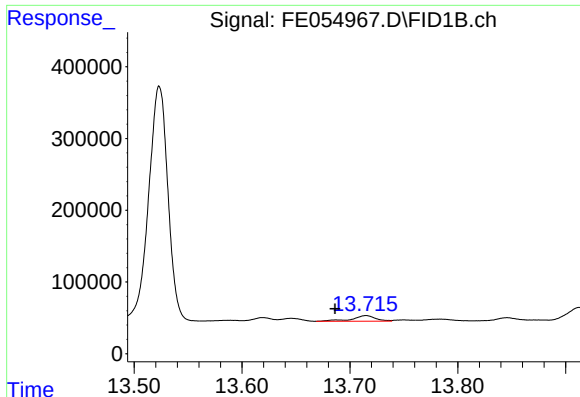
#9 ortho-Terphenyl (SURR)

R.T.: 12.087 min
Delta R.T.: 0.003 min
Response: 4943870
Conc: 30.44 ug/ml



#10 n-Eicosane (C20)

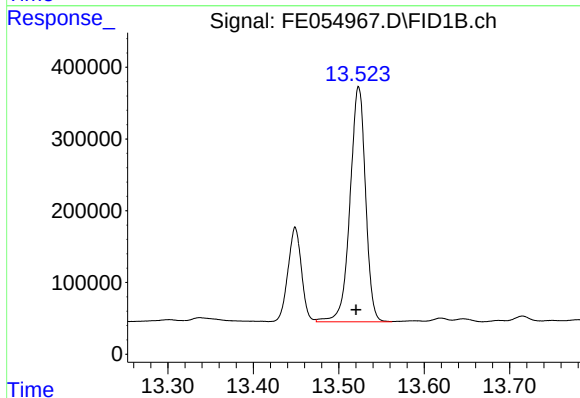
R.T.: 13.069 min
Delta R.T.: -0.003 min
Response: 117148
Conc: 0.81 ug/ml



#11 n-Heneicosane (C21)

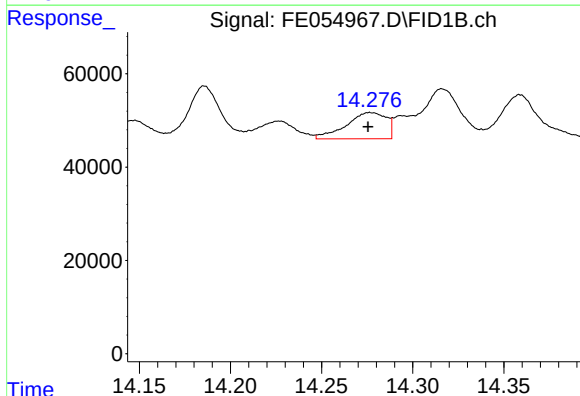
R.T.: 13.715 min
Delta R.T.: 0.029 min
Response: 118296
Conc: 0.83 ug/ml

Instrument :
FID_E
ClientSampleId :



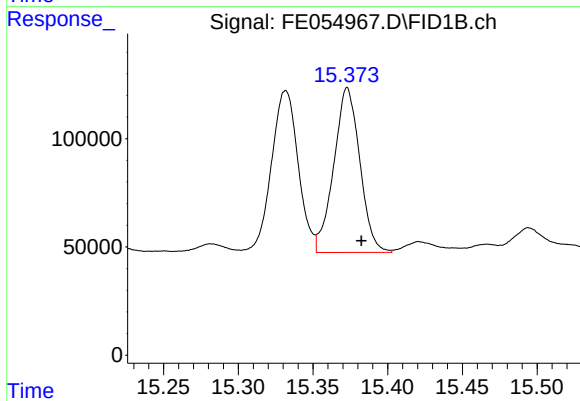
#12 1-chlorooctadecane (SURR)

R.T.: 13.523 min
Delta R.T.: 0.003 min
Response: 4142940
Conc: 32.80 ug/ml



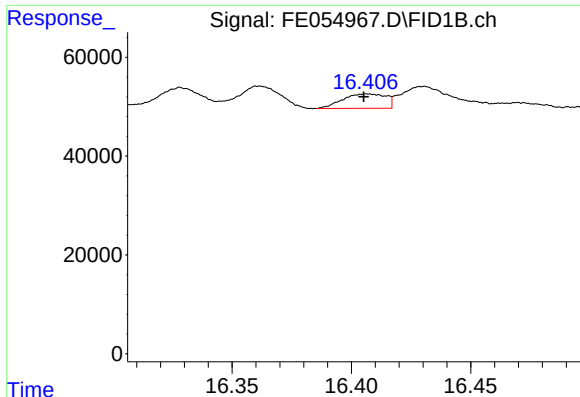
#13 n-Docosane (C22)

R.T.: 14.277 min
Delta R.T.: 0.002 min
Response: 86191
Conc: 0.60 ug/ml



#14 n-Tetracosane (C24)

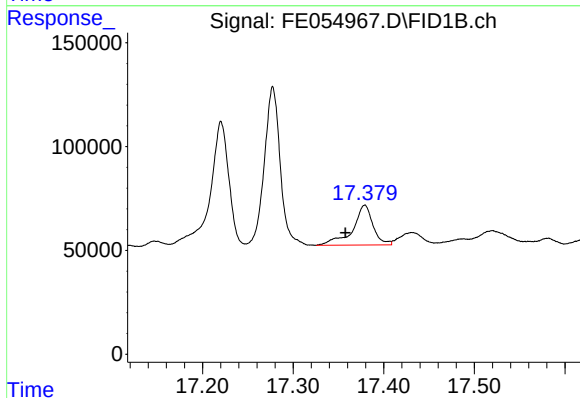
R.T.: 15.373 min
Delta R.T.: -0.009 min
Response: 924096
Conc: 6.36 ug/ml



#15 n-Hexacosane (C26)

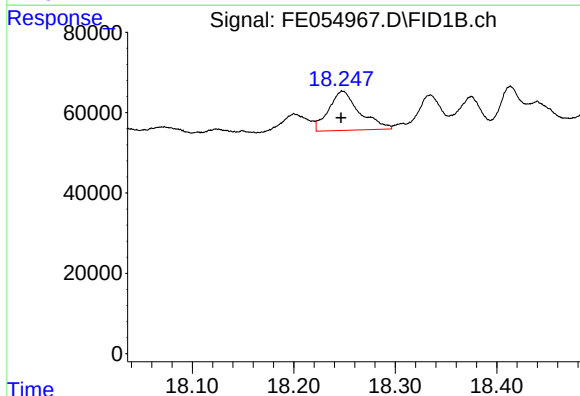
R.T.: 16.407 min
Delta R.T.: 0.002 min
Response: 36624
Conc: 0.25 ug/ml

Instrument :
FID_E
ClientSampleId :



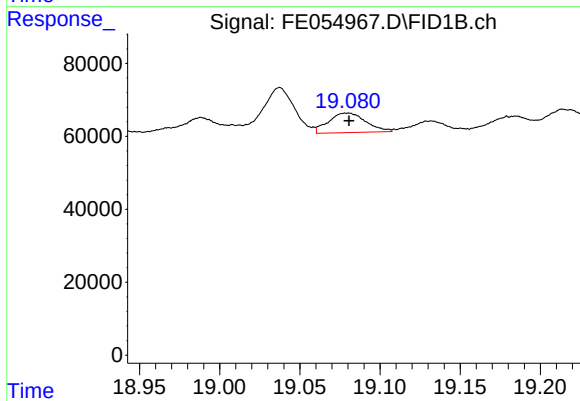
#16 n-Octacosane (C28)

R.T.: 17.379 min
Delta R.T.: 0.021 min
Response: 300220
Conc: 2.06 ug/ml



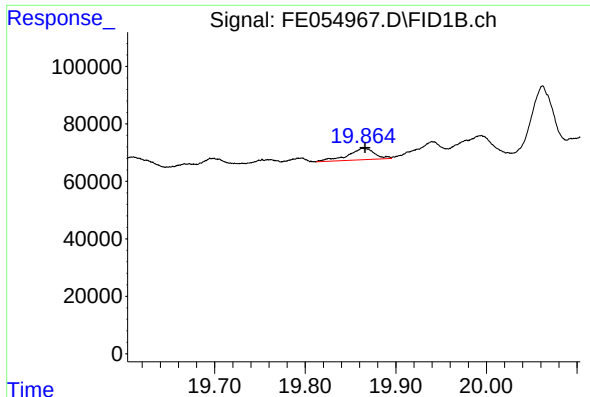
#17 n-Tricontane (C30)

R.T.: 18.248 min
Delta R.T.: 0.002 min
Response: 206204
Conc: 1.31 ug/ml



#18 n-Dotriacontane (C32)

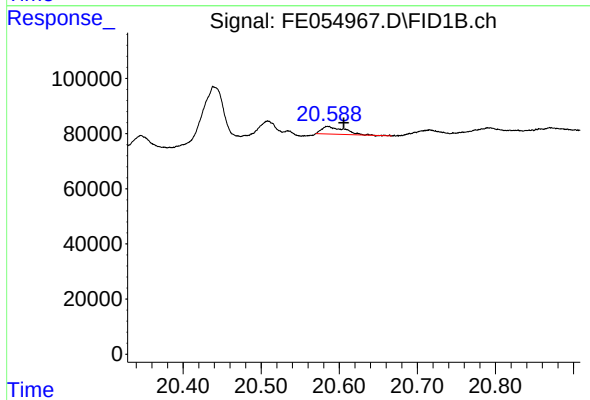
R.T.: 19.079 min
Delta R.T.: -0.001 min
Response: 86879
Conc: 0.54 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: -0.002 min
Response: 80584
Conc: 0.53 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.585 min
Delta R.T.: -0.020 min
Response: 55461
Conc: 0.41 ug/ml