

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071425AL\
 Data File : FE054839.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jul 2025 12:23
 Operator : YP\AJ
 Sample : Q2564-04DL 50X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ARS20-0013-E2DL

Integration File: autoint1.e
 Quant Time: Jul 15 03:30:07 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)	12.084	217969	1.342 ug/ml
Spiked Amount 50.000		Recovery =	2.68%
12) S 1-chlorooctadecane (S...	13.521	280457	2.221 ug/ml
Spiked Amount 50.000		Recovery =	4.44%
Target Compounds			
6) T n-Tetradecane (C14)	8.687	76680	0.553 ug/ml
7) T n-Hexadecane (C16)	10.326	48587	0.341 ug/ml
8) T n-Octadecane (C18)	11.722	49929	0.341 ug/ml
10) T n-Eicosane (C20)	13.075	85989	0.598 ug/ml
11) T n-Heneicosane (C21)	13.689	182897	1.280 ug/ml
13) T n-Docosane (C22)	14.252	380522	2.665 ug/ml
14) T n-Tetracosane (C24)	15.325f	32492	0.224 ug/ml
17) T n-Tricontane (C30)	18.246	50748	0.322 ug/ml
18) T n-Dotriacontane (C32)	19.080	59418	0.367 ug/ml
19) T n-Tetratriacontane (C34)	19.865	3265	0.021 ug/ml
20) T n-Hexatriacontane (C36)	20.607	22776	0.169 ug/ml
21) T n-Octatriacontane (C38)	21.385	91175	0.777 ug/ml

(f)=RT Delta > 1/2 Window

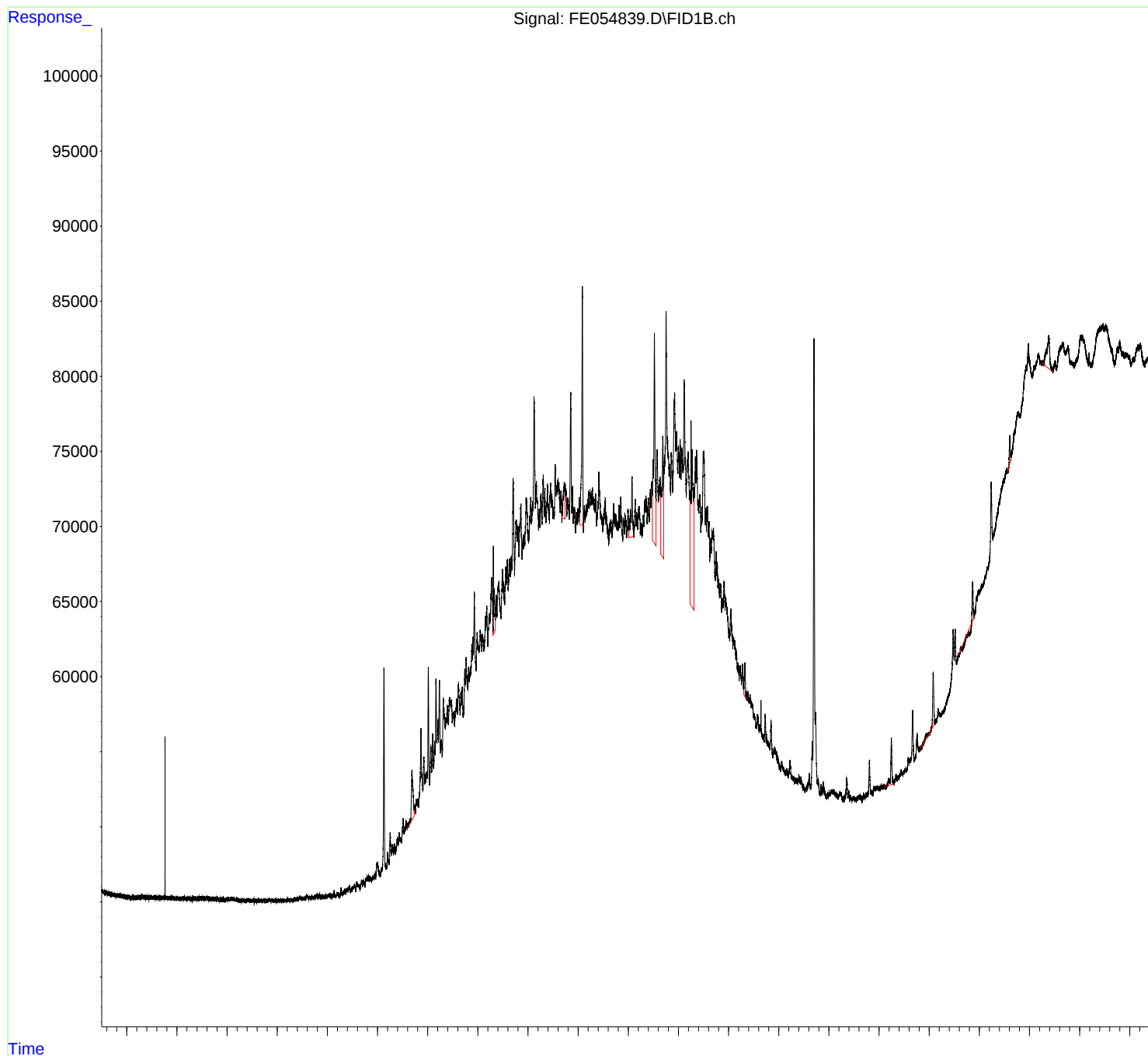
(m)=manual int.

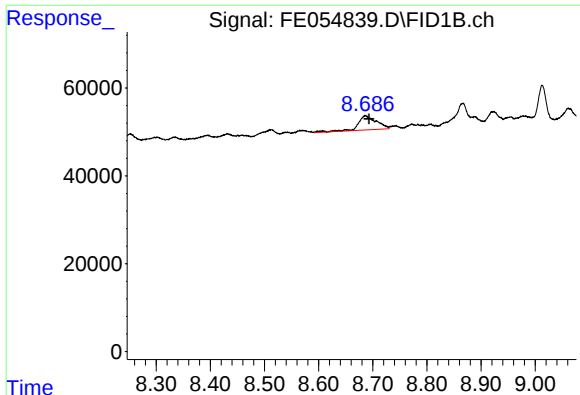
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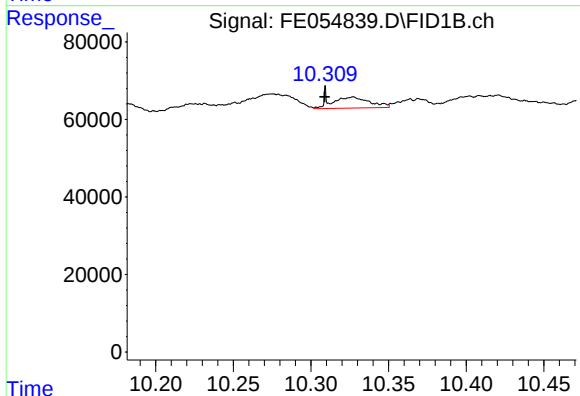




#6 n-Tetradecane (C14)

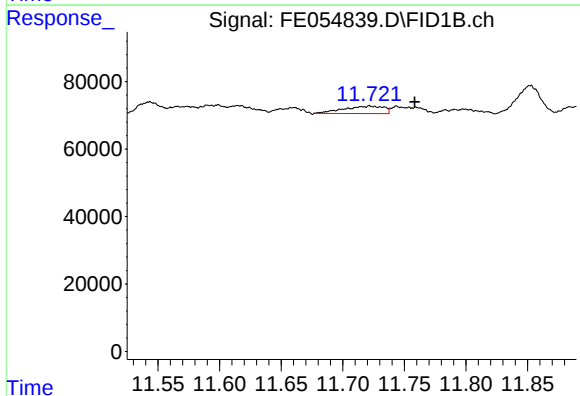
R.T.: 8.687 min
Delta R.T.: -0.007 min
Response: 76680
Conc: 0.55 ug/ml

Instrument :
FID_E
ClientSampleId :
ARS20-0013-E2DL



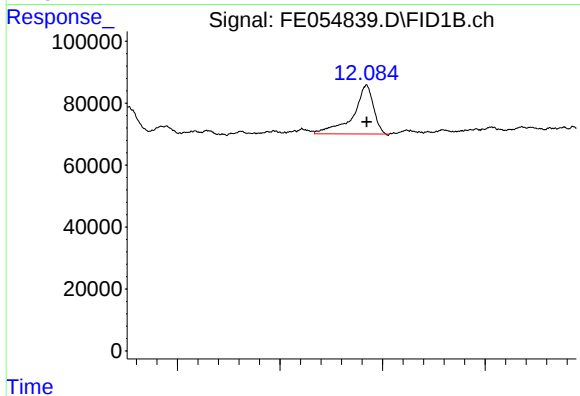
#7 n-Hexadecane (C16)

R.T.: 10.326 min
Delta R.T.: 0.018 min
Response: 48587
Conc: 0.34 ug/ml



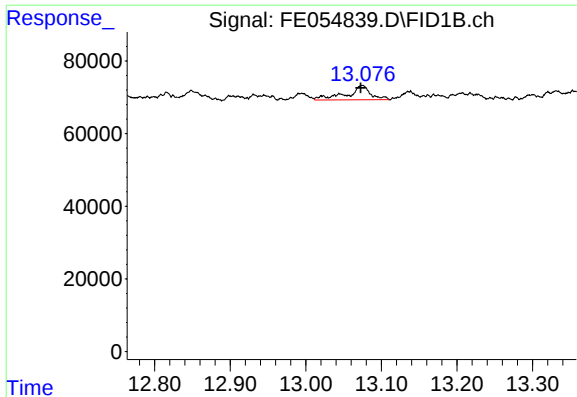
#8 n-Octadecane (C18)

R.T.: 11.722 min
Delta R.T.: -0.036 min
Response: 49929
Conc: 0.34 ug/ml



#9 ortho-Terphenyl (SURRE)

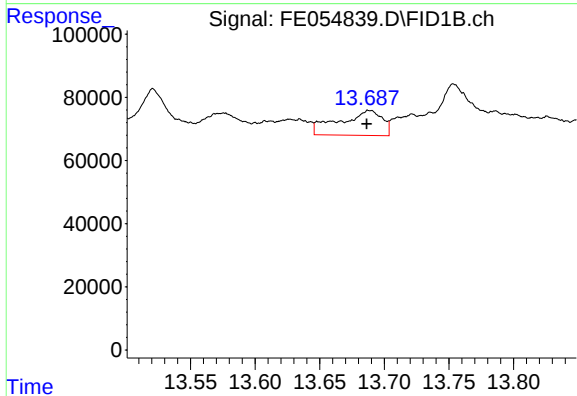
R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 217969
Conc: 1.34 ug/ml



#10 n-Eicosane (C20)

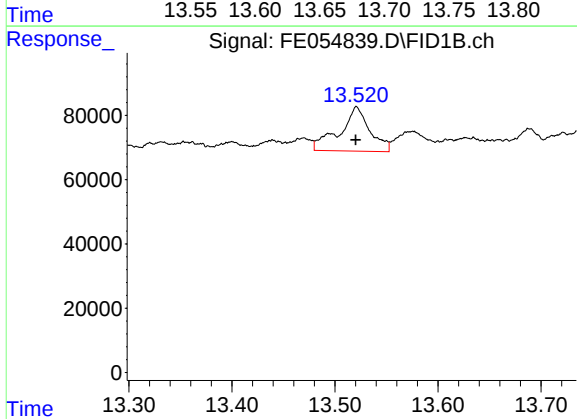
R.T.: 13.075 min
Delta R.T.: 0.002 min
Response: 85989
Conc: 0.60 ug/ml

Instrument :
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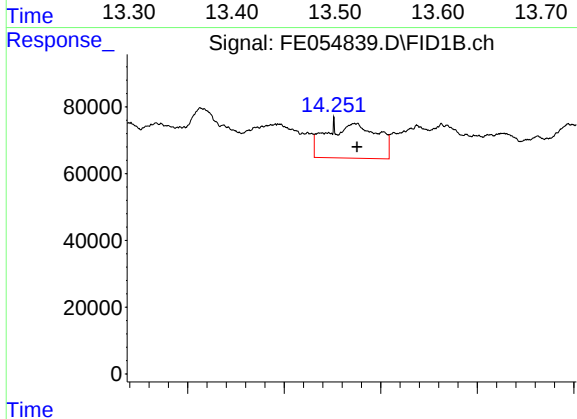
#11 n-Heneicosane (C21)

R.T.: 13.689 min
Delta R.T.: 0.002 min
Response: 182897
Conc: 1.28 ug/ml



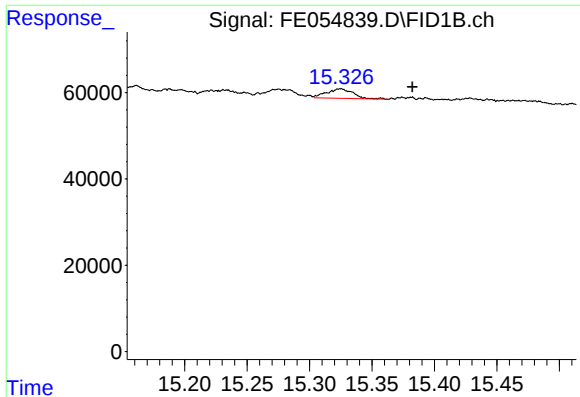
#12 1-chlorooctadecane (SURR)

R.T.: 13.521 min
Delta R.T.: 0.001 min
Response: 280457
Conc: 2.22 ug/ml



#13 n-Docosane (C22)

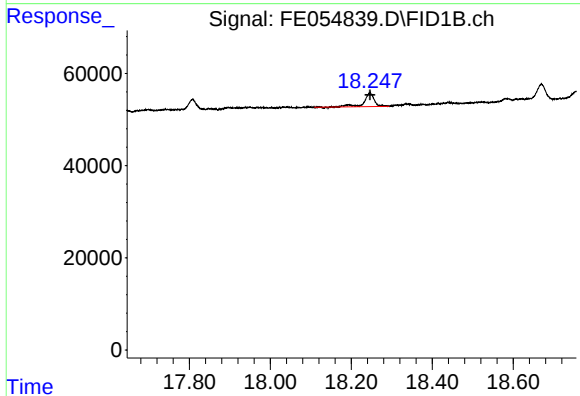
R.T.: 14.252 min
Delta R.T.: -0.024 min
Response: 380522
Conc: 2.66 ug/ml



#14 n-Tetracosane (C24)

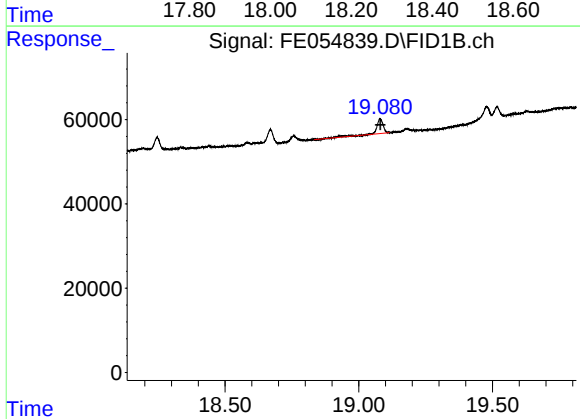
R.T.: 15.325 min
Delta R.T.: -0.058 min
Response: 32492
Conc: 0.22 ug/ml

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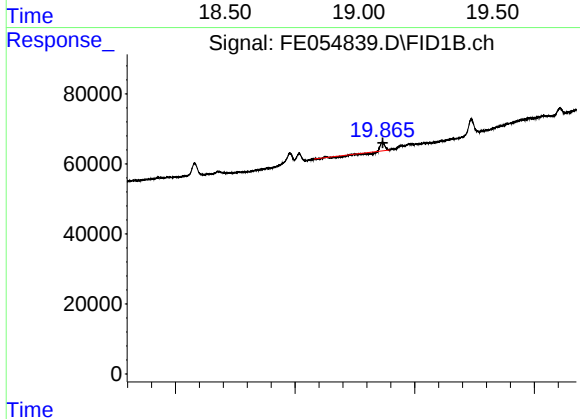
#17 n-Tricontane (C30)

R.T.: 18.246 min
Delta R.T.: 0.000 min
Response: 50748
Conc: 0.32 ug/ml



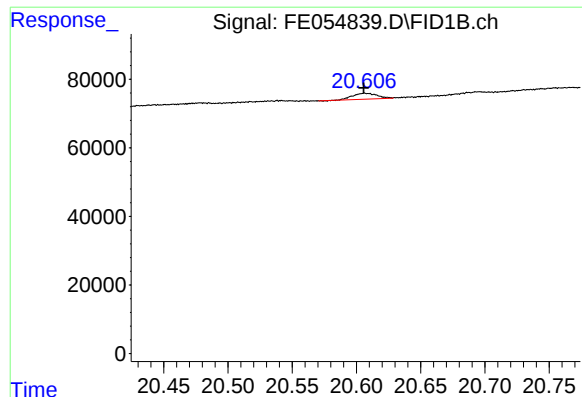
#18 n-Dotriacontane (C32)

R.T.: 19.080 min
Delta R.T.: 0.000 min
Response: 59418
Conc: 0.37 ug/ml



#19 n-Tetratriacontane (C34)

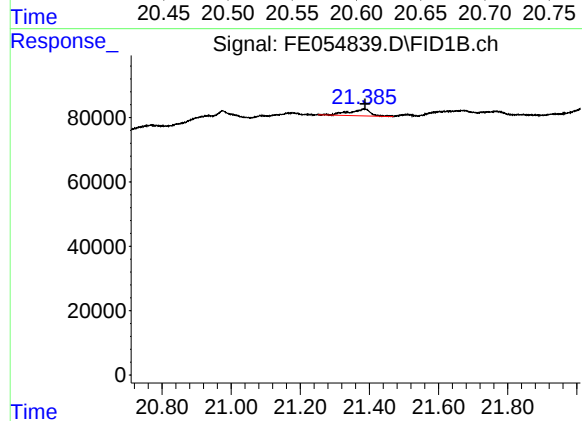
R.T.: 19.865 min
Delta R.T.: -0.001 min
Response: 3265
Conc: 0.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.607 min
Delta R.T.: 0.001 min
Response: 22776
Conc: 0.17 ug/ml

Instrument :
FID_E
ClientSampleId :
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#21 n-Octatriacontane (C38)

R.T.: 21.385 min
Delta R.T.: -0.003 min
Response: 91175
Conc: 0.78 ug/ml