

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062525AL\
 Data File : FE054585.D
 Signal(s) : FID1B.ch
 Acq On : 25 Jun 2025 20:23
 Operator : YP\AJ
 Sample : Q2403-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 Concrete-062325

Integration File: autoint1.e
 Quant Time: Jun 26 02:34:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.823	5684945	34.405 ug/ml
Spiked Amount 50.000		Recovery =	68.81%
12) S 1-chlorooctadecane (S...	13.267	4304251	35.296 ug/ml
Spiked Amount 50.000		Recovery =	70.59%
Target Compounds			
6) T n-Tetradecane (C14)	8.446	104403	0.806 ug/ml
7) T n-Hexadecane (C16)	10.061	182320	1.372 ug/ml
8) T n-Octadecane (C18)	11.507	483115	3.578 ug/ml
10) T n-Eicosane (C20)	12.820	182372	1.363 ug/ml
11) T n-Heneicosane (C21)	13.433	81834	0.615 ug/ml
13) T n-Docosane (C22)	14.021	38527	0.294 ug/ml
14) T n-Tetracosane (C24)	15.174	28333	0.220 ug/ml
16) T n-Octacosane (C28)	17.100	35079	0.286 ug/ml
17) T n-Tricontane (C30)	17.989	56621	0.457 ug/ml
18) T n-Dotriacontane (C32)	18.820	98456	0.784 ug/ml
19) T n-Tetratriacontane (C34)	19.608	77159	0.620 ug/ml
20) T n-Hexatriacontane (C36)	20.349	52556	0.408 ug/ml
21) T n-Octatriacontane (C38)	21.077	37574	0.285 ug/ml

(f)=RT Delta > 1/2 Window

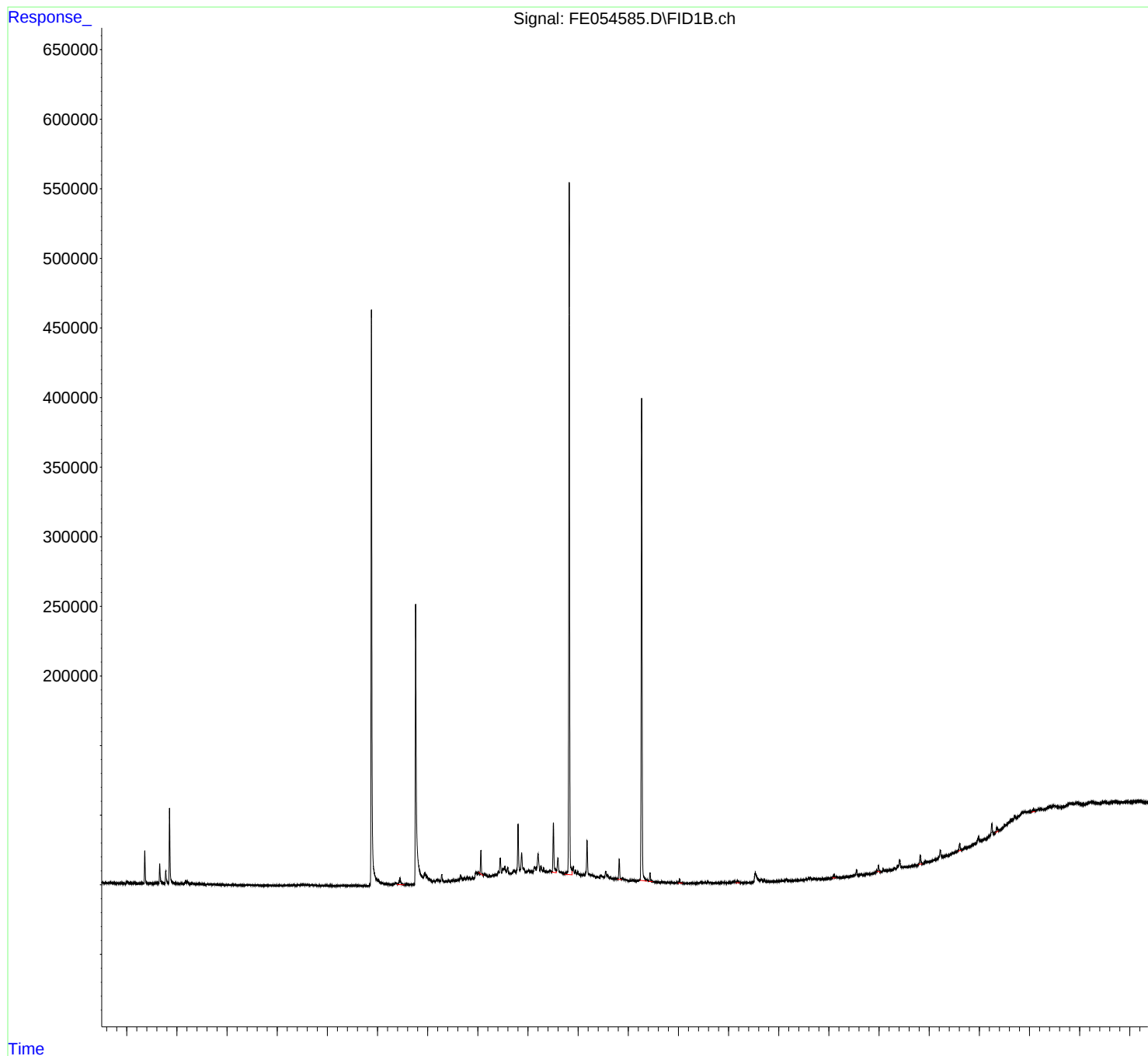
(m)=manual int.

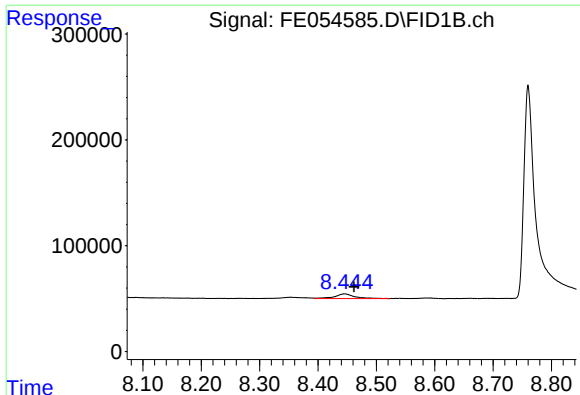
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062525AL\
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Acq On : 25 Jun 2025 20:23
Operator : YP\AJ
Sample : Q2403-05
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ALS Vial : 17 Sample Multiplier: 1

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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

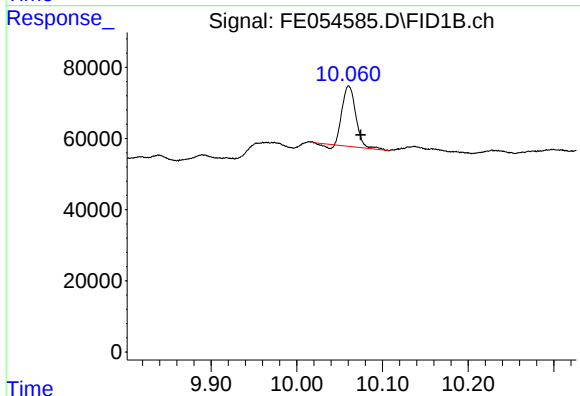




#6 n-Tetradecane (C14)

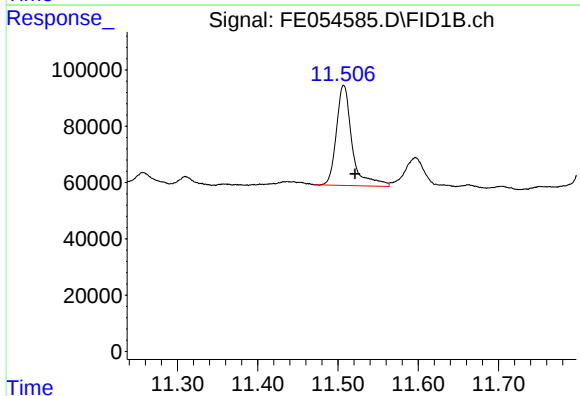
R.T.: 8.446 min
Delta R.T.: -0.016 min
Response: 104403
Conc: 0.81 ug/ml

Instrument :
FID_E
ClientSampleId :
Concrete-062325



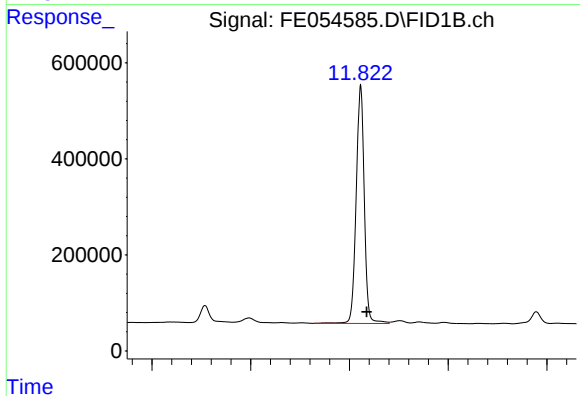
#7 n-Hexadecane (C16)

R.T.: 10.061 min
Delta R.T.: -0.014 min
Response: 182320
Conc: 1.37 ug/ml



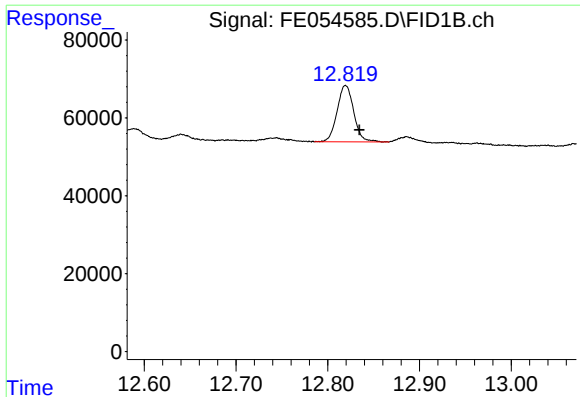
#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: -0.014 min
Response: 483115
Conc: 3.58 ug/ml



#9 ortho-Terphenyl (SURR)

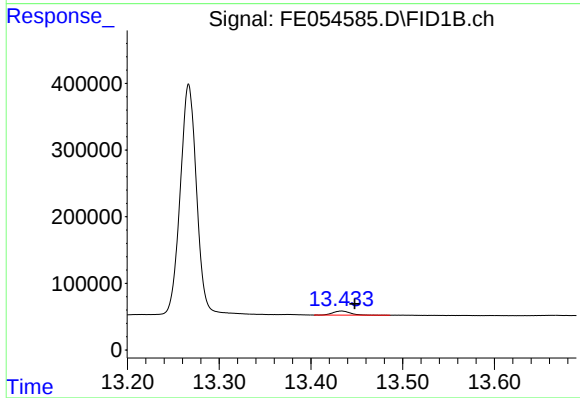
R.T.: 11.823 min
Delta R.T.: -0.012 min
Response: 568495
Conc: 34.41 ug/ml



#10 n-Eicosane (C20)

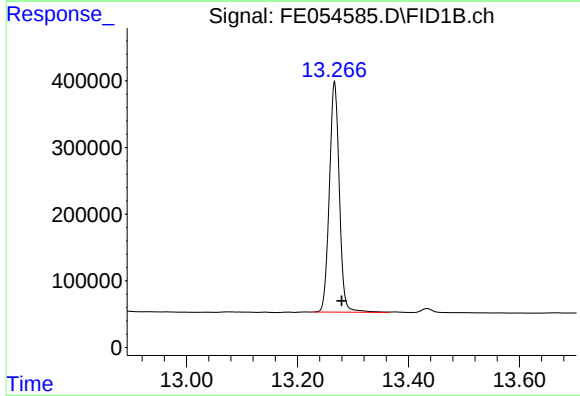
R.T.: 12.820 min
Delta R.T.: -0.015 min
Response: 182372
Conc: 1.36 ug/ml

Instrument :
FID_E
ClientSampleId :
Concrete-062325



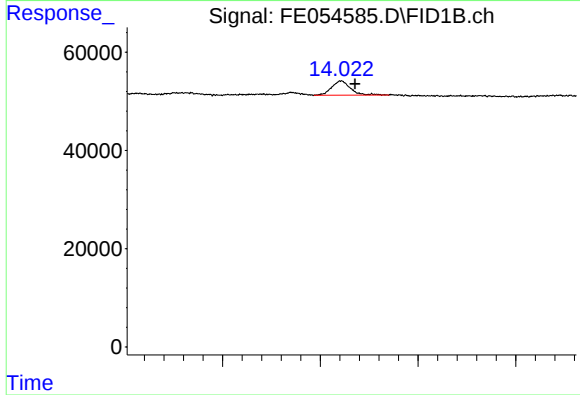
#11 n-Heneicosane (C21)

R.T.: 13.433 min
Delta R.T.: -0.014 min
Response: 81834
Conc: 0.62 ug/ml



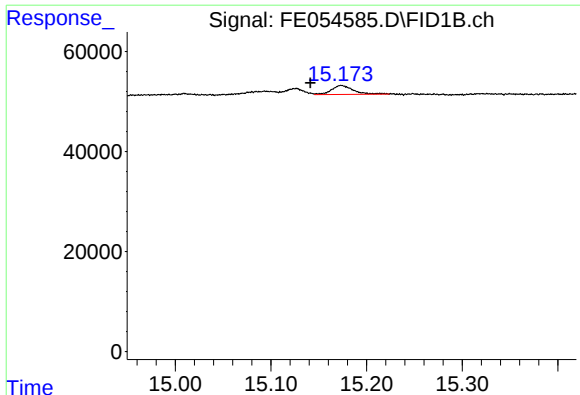
#12 1-chlorooctadecane (SURR)

R.T.: 13.267 min
Delta R.T.: -0.013 min
Response: 4304251
Conc: 35.30 ug/ml



#13 n-Docosane (C22)

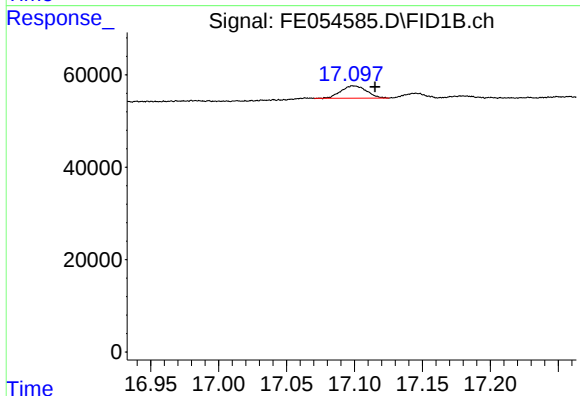
R.T.: 14.021 min
Delta R.T.: -0.014 min
Response: 38527
Conc: 0.29 ug/ml



#14 n-Tetracosane (C24)

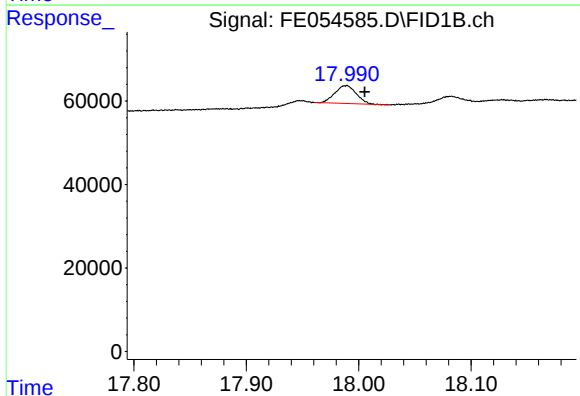
R.T.: 15.174 min
Delta R.T.: 0.032 min
Response: 28333
Conc: 0.22 ug/ml

Instrument :
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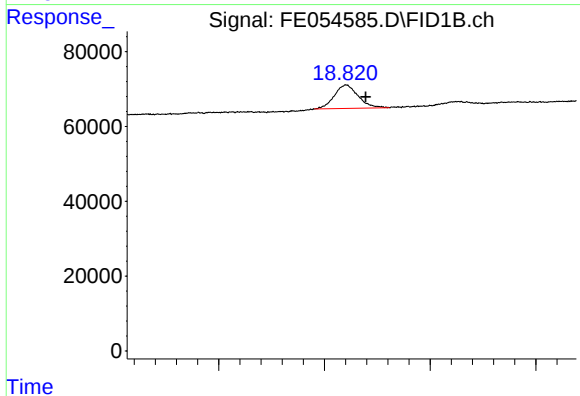
#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: -0.015 min
Response: 35079
Conc: 0.29 ug/ml



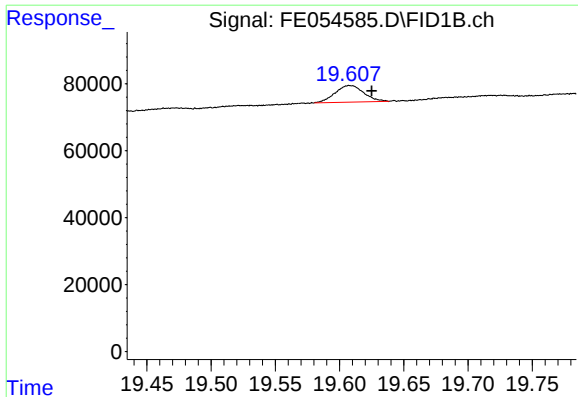
#17 n-Tricontane (C30)

R.T.: 17.989 min
Delta R.T.: -0.017 min
Response: 56621
Conc: 0.46 ug/ml



#18 n-Dotriacontane (C32)

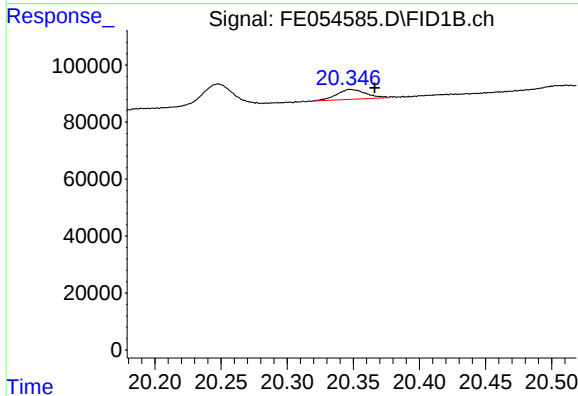
R.T.: 18.820 min
Delta R.T.: -0.019 min
Response: 98456
Conc: 0.78 ug/ml



#19 n-Tetratriacontane (C34)

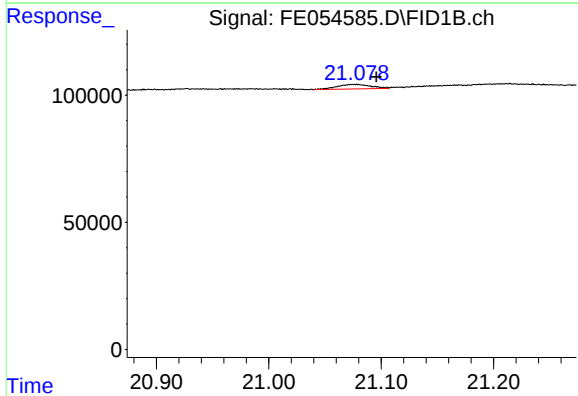
R.T.: 19.608 min
Delta R.T.: -0.017 min
Response: 77159
Conc: 0.62 ug/ml

Instrument :
FID_E
ClientSampleId :
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#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.018 min
Response: 52556
Conc: 0.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.077 min
Delta R.T.: -0.019 min
Response: 37574
Conc: 0.28 ug/ml