

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061825AL\
 Data File : FE054484.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jun 2025 15:57
 Operator : YP\AJ
 Sample : Q2342-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 S-2

Integration File: autoint1.e
 Quant Time: Jun 19 01:35:26 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)	11.826	7942859	48.070 ug/ml
Spiked Amount 50.000		Recovery =	96.14%
12) S 1-chlorooctadecane (S...	13.271	6825320	55.969 ug/ml
Spiked Amount 50.000		Recovery =	111.94%
Target Compounds			
10) T n-Eicosane (C20)	12.896f	43960	0.329 ug/ml
14) T n-Tetracosane (C24)	15.176	30704	0.238 ug/ml
15) T n-Hexacosane (C26)	16.150	32800	0.261 ug/ml
16) T n-Octacosane (C28)	17.102	60928	0.497 ug/ml
17) T n-Tricontane (C30)	17.991	61615	0.497 ug/ml
18) T n-Dotriacontane (C32)	18.823	88290	0.703 ug/ml
19) T n-Tetratriacontane (C34)	19.611	50571	0.406 ug/ml
20) T n-Hexatriacontane (C36)	20.352	40895	0.318 ug/ml
21) T n-Octatriacontane (C38)	21.079	28004	0.212 ug/ml

(f)=RT Delta > 1/2 Window

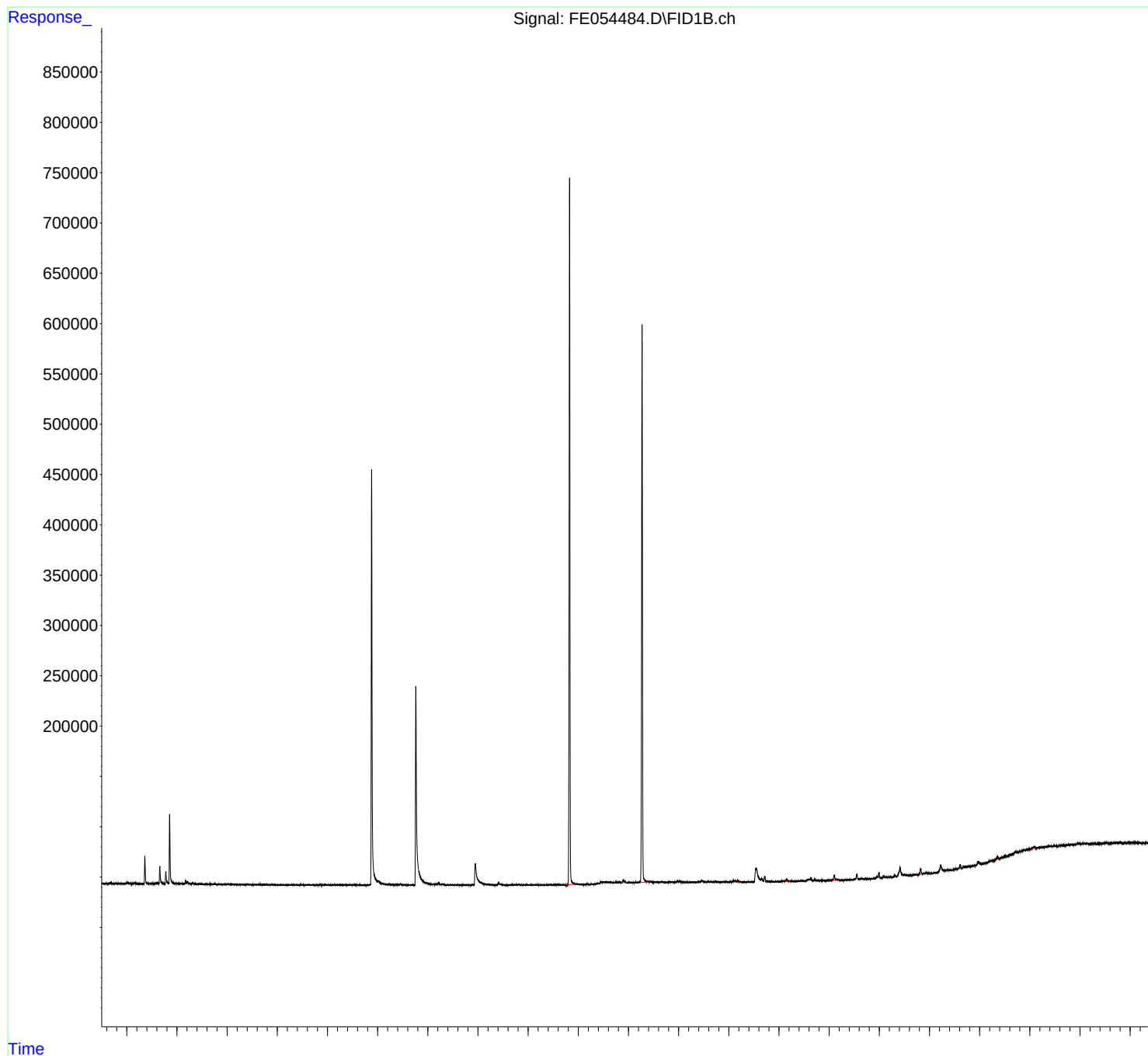
(m)=manual int.

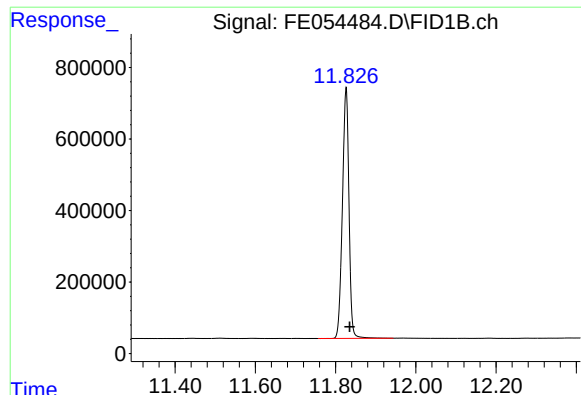
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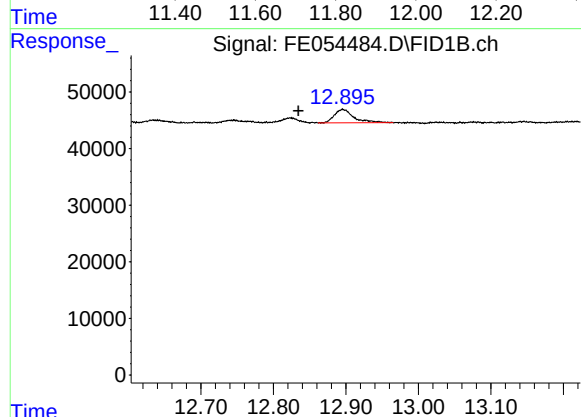




#9 ortho-Terphenyl (SURR)

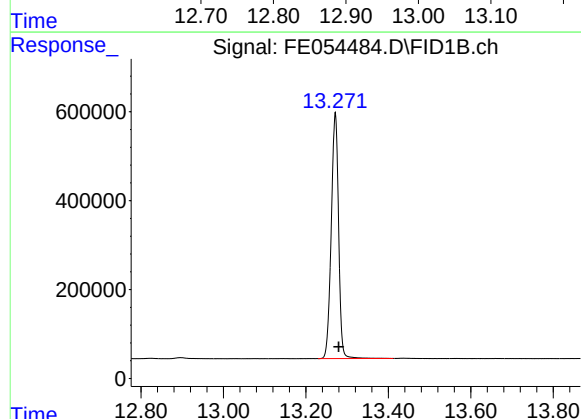
R.T.: 11.826 min
Delta R.T.: -0.009 min
Response: 7942859
Conc: 48.07 ug/ml

Instrument :
FID_E
ClientSampleId :
S-2



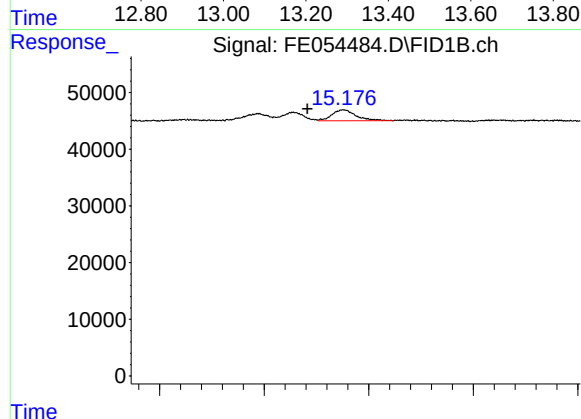
#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: 0.061 min
Response: 43960
Conc: 0.33 ug/ml



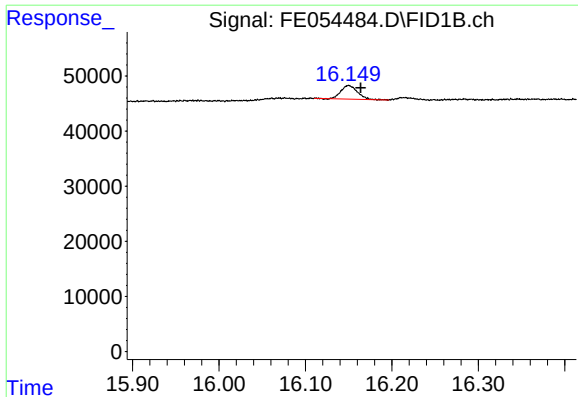
#12 1-chlorooctadecane (SURR)

R.T.: 13.271 min
Delta R.T.: -0.008 min
Response: 6825320
Conc: 55.97 ug/ml



#14 n-Tetracosane (C24)

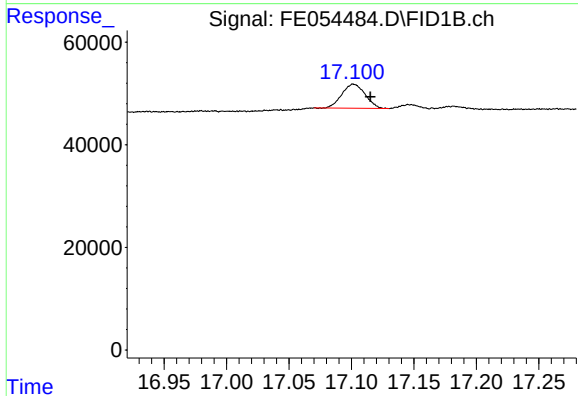
R.T.: 15.176 min
Delta R.T.: 0.034 min
Response: 30704
Conc: 0.24 ug/ml



#15 n-Hexacosane (C26)

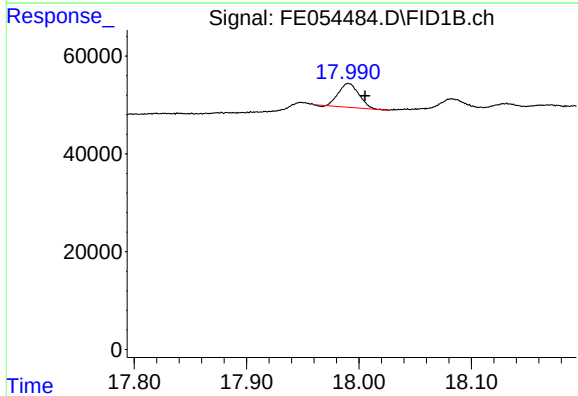
R.T.: 16.150 min
Delta R.T.: -0.014 min
Response: 32800
Conc: 0.26 ug/ml

Instrument :
FID_E
ClientSampleId :
S-2



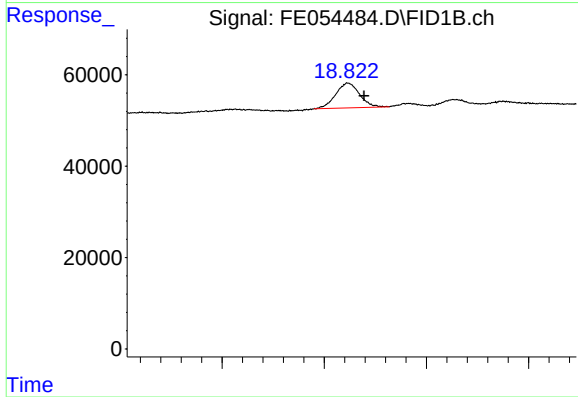
#16 n-Octacosane (C28)

R.T.: 17.102 min
Delta R.T.: -0.013 min
Response: 60928
Conc: 0.50 ug/ml



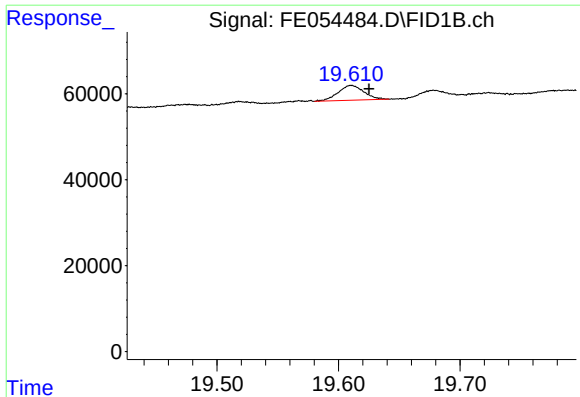
#17 n-Tricontane (C30)

R.T.: 17.991 min
Delta R.T.: -0.015 min
Response: 61615
Conc: 0.50 ug/ml



#18 n-Dotriacontane (C32)

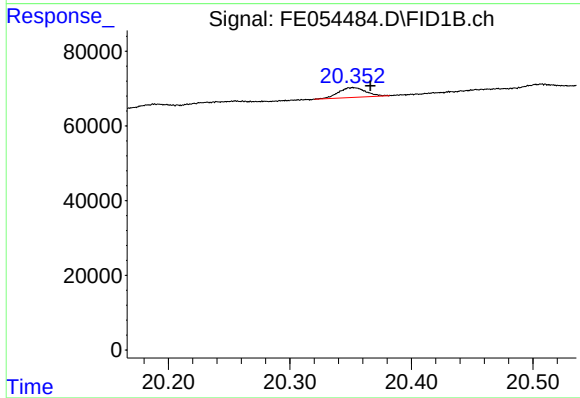
R.T.: 18.823 min
Delta R.T.: -0.016 min
Response: 88290
Conc: 0.70 ug/ml



#19 n-Tetratriacontane (C34)

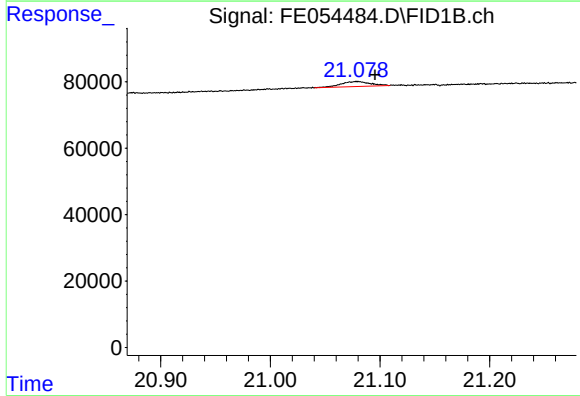
R.T.: 19.611 min
Delta R.T.: -0.014 min
Response: 50571
Conc: 0.41 ug/ml

Instrument :
FID_E
ClientSampleId :
S-2



#20 n-Hexatriacontane (C36)

R.T.: 20.352 min
Delta R.T.: -0.014 min
Response: 40895
Conc: 0.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: -0.017 min
Response: 28004
Conc: 0.21 ug/ml