Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061725AL\
Data File : FE054453.D
Signal(s) : FID1B.ch
Acq On : 17 Jun 2025 19:32
Operator : YP\AJ
Sample : Q2338-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
FID_E
ClientSampleId :
OK-03-061625

Integration File: autoint1.e
Quant Time: Jun 18 02:13:54 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)	11.824	4045129	24.481 ug/ml
Spiked Amount	50.000		Recovery =	48.96%
12)	S 1-chlorooctadecane (S...	13.270	3283899	26.929 ug/ml
Spiked Amount	50.000		Recovery =	53.86%
	Target Compounds			
7)	T n-Hexadecane (C16)	10.064	27039	0.204 ug/ml
8)	T n-Octadecane (C18)	11.509	13986	0.104 ug/ml
10)	T n-Eicosane (C20)	12.812	336916	2.518 ug/ml
11)	T n-Heneicosane (C21)	13.437	33189	0.250 ug/ml
13)	T n-Docosane (C22)	14.024	113185	0.863 ug/ml
14)	T n-Tetracosane (C24)	15.124	529126	4.102 ug/ml
15)	T n-Hexacosane (C26)	16.156	51080	0.407 ug/ml
16)	T n-Octacosane (C28)	17.115	171384	1.398 ug/ml
17)	T n-Tricontane (C30)	17.996	117272	0.946 ug/ml
18)	T n-Dotriacontane (C32)	18.833	236489	1.882 ug/ml
19)	T n-Tetratriacontane (C34)	19.639	566265	4.552 ug/ml
20)	T n-Hexatriacontane (C36)	20.361	48095	0.374 ug/ml
21)	T n-Octatriacontane (C38)	21.091	170880	1.294 ug/ml
22)	T n-Tetracontane (C40)	21.985	373819	2.775 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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FID_E
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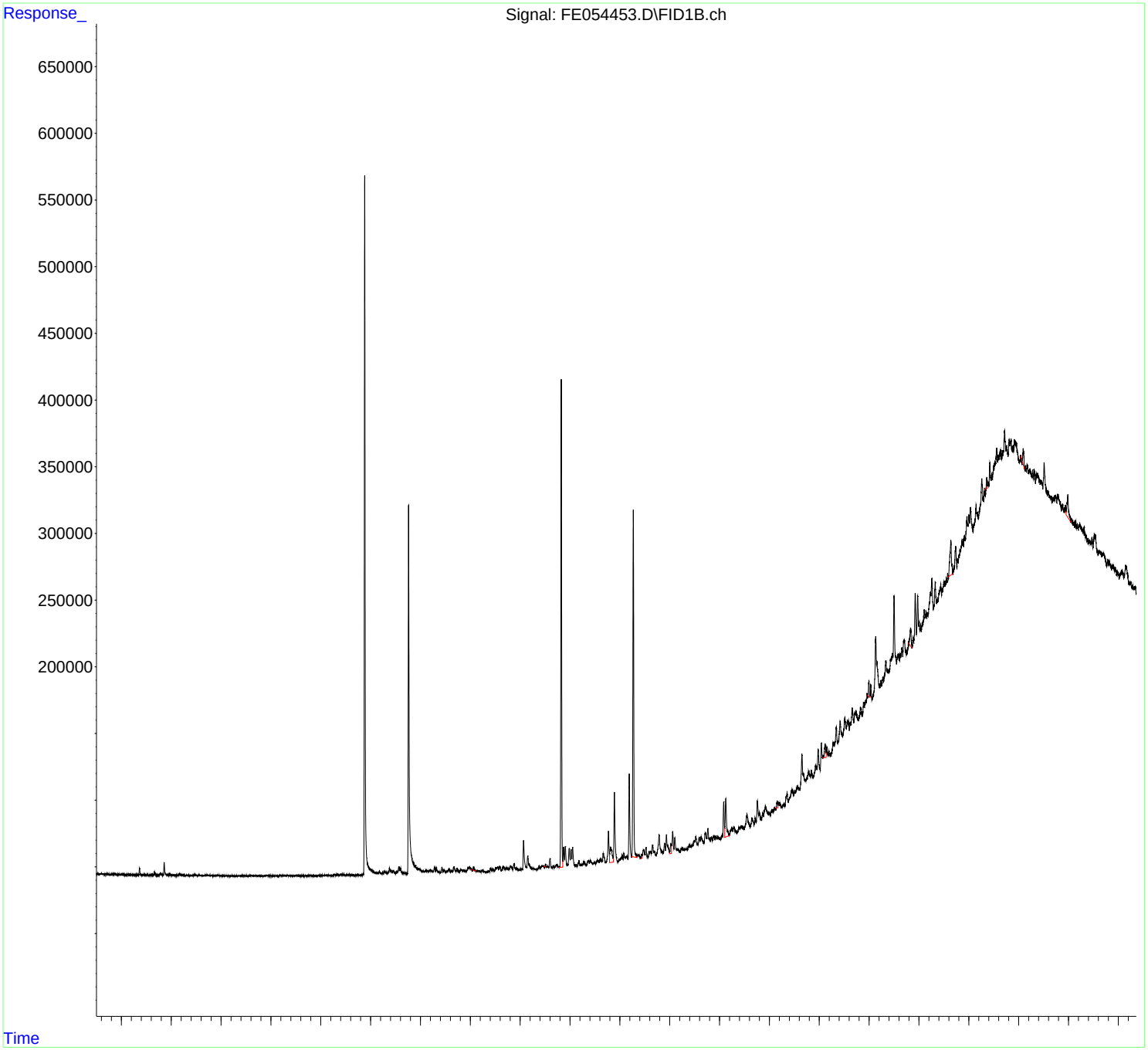
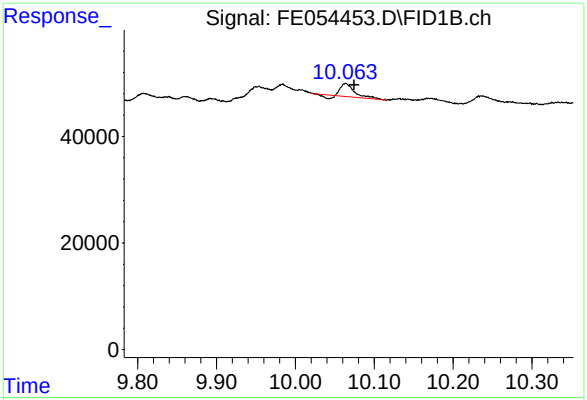
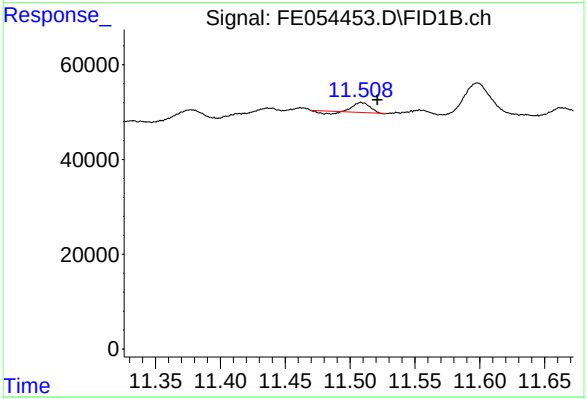




#7 n-Hexadecane (C16)

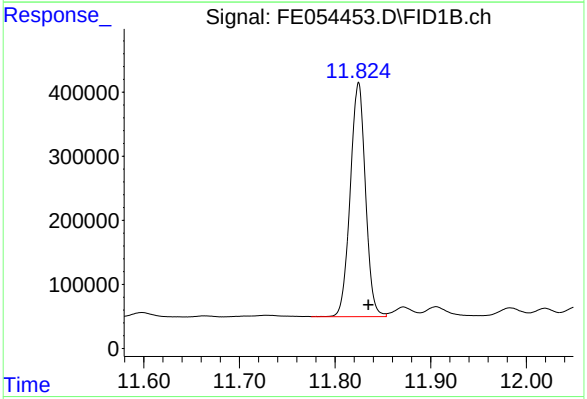
R.T.: 10.064 min
Delta R.T.: -0.011 min
Response: 27039
Conc: 0.20 ug/ml

Instrument :
FID_E
ClientSampleId :
OK-03-061625



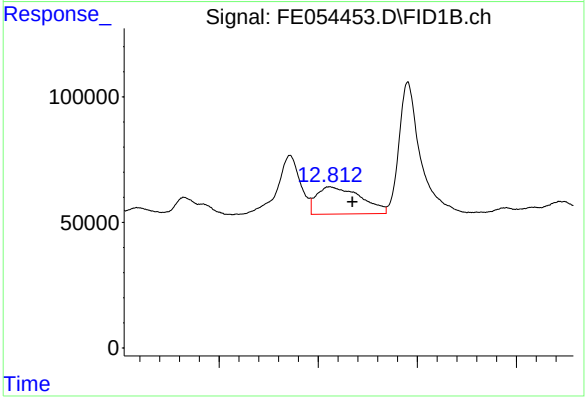
#8 n-Octadecane (C18)

R.T.: 11.509 min
Delta R.T.: -0.012 min
Response: 13986
Conc: 0.10 ug/ml



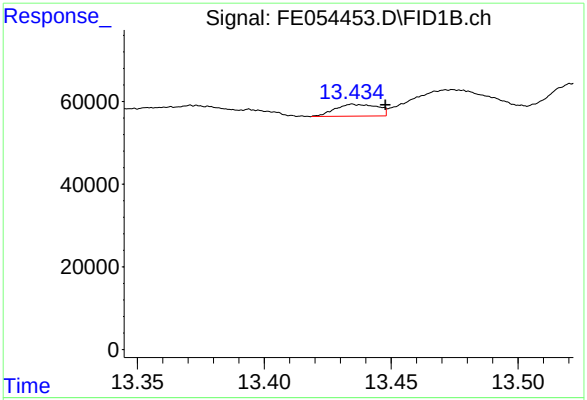
#9 ortho-Terphenyl (SURR)

R.T.: 11.824 min
Delta R.T.: -0.011 min
Response: 4045129
Conc: 24.48 ug/ml



#10 n-Eicosane (C20)

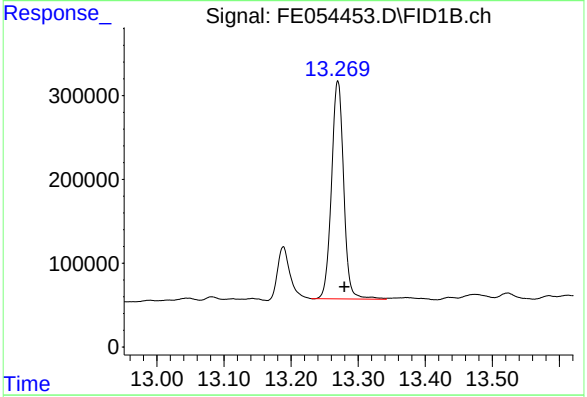
R.T.: 12.812 min
Delta R.T.: -0.023 min
Response: 336916
Conc: 2.52 ug/ml



#11 n-Heneicosane (C21)

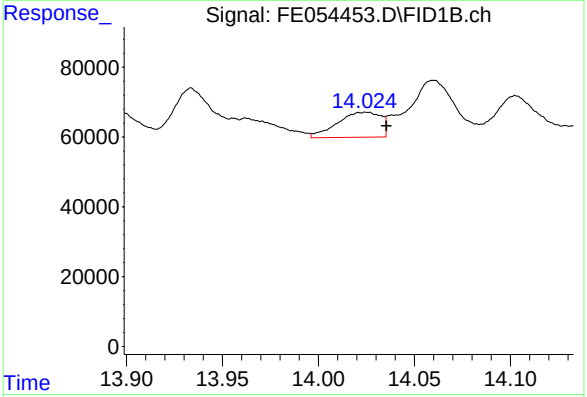
R.T.: 13.437 min
Delta R.T.: -0.011 min
Response: 33189
Conc: 0.25 ug/ml

Instrument :
FID_E
ClientSampleId :
OK-03-061625



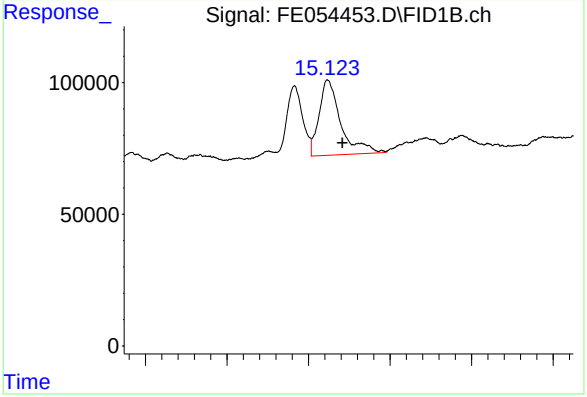
#12 1-chlorooctadecane (SURR)

R.T.: 13.270 min
Delta R.T.: -0.010 min
Response: 3283899
Conc: 26.93 ug/ml



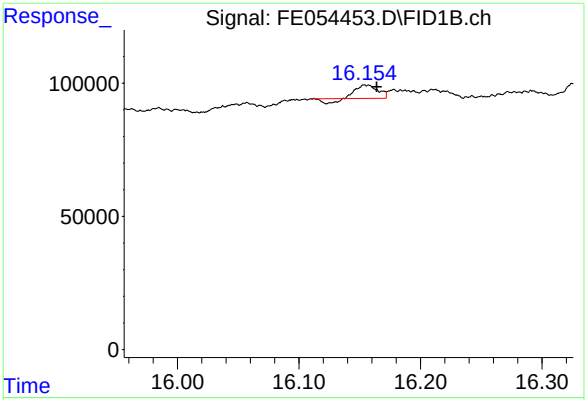
#13 n-Docosane (C22)

R.T.: 14.024 min
Delta R.T.: -0.011 min
Response: 113185
Conc: 0.86 ug/ml



#14 n-Tetracosane (C24)

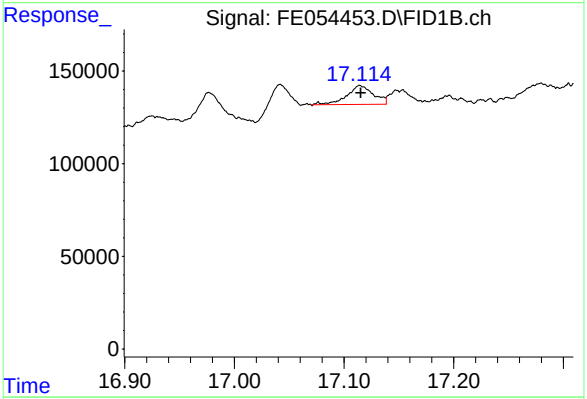
R.T.: 15.124 min
Delta R.T.: -0.018 min
Response: 529126
Conc: 4.10 ug/ml



#15 n-Hexacosane (C26)

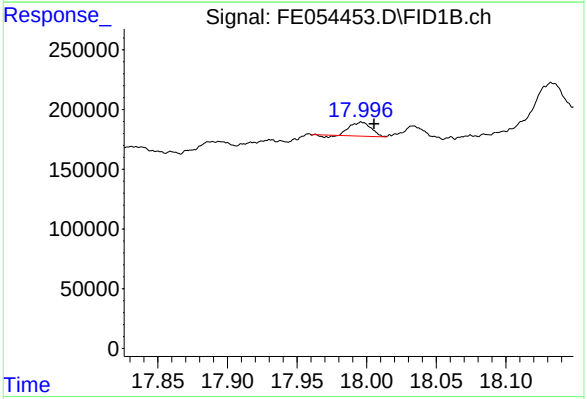
R.T.: 16.156 min
Delta R.T.: -0.009 min
Response: 51080
Conc: 0.41 ug/ml

Instrument :
FID_E
ClientSampleId :
OK-03-061625



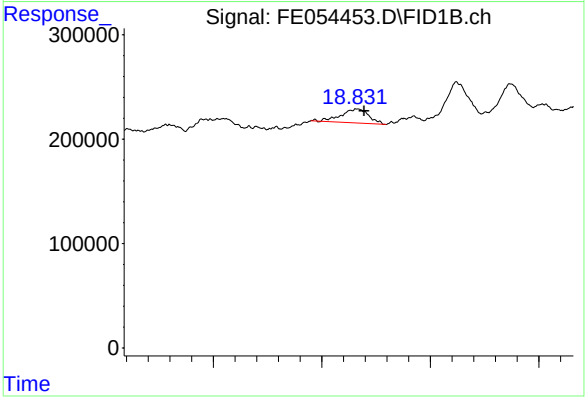
#16 n-Octacosane (C28)

R.T.: 17.115 min
Delta R.T.: 0.000 min
Response: 171384
Conc: 1.40 ug/ml



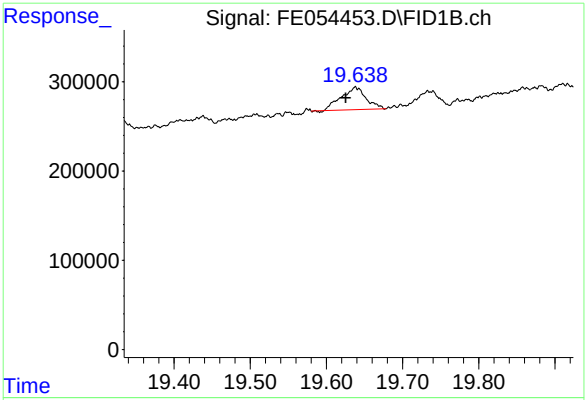
#17 n-Tricontane (C30)

R.T.: 17.996 min
Delta R.T.: -0.009 min
Response: 117272
Conc: 0.95 ug/ml



#18 n-Dotriacontane (C32)

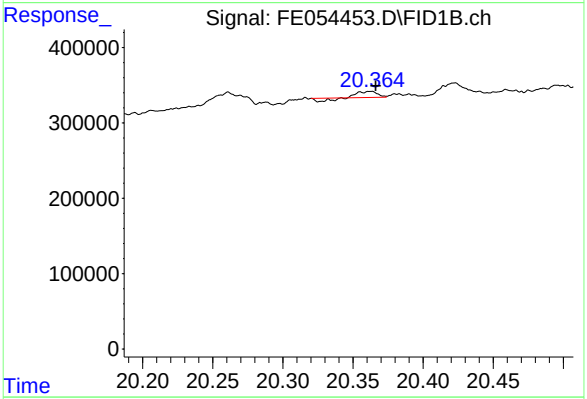
R.T.: 18.833 min
Delta R.T.: -0.006 min
Response: 236489
Conc: 1.88 ug/ml



#19 n-Tetratriacontane (C34)

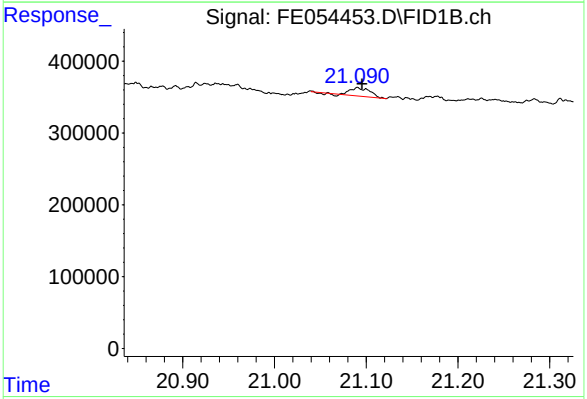
R.T.: 19.639 min
Delta R.T.: 0.014 min
Response: 566265
Conc: 4.55 ug/ml

Instrument :
FID_E
ClientSampleId :
OK-03-061625



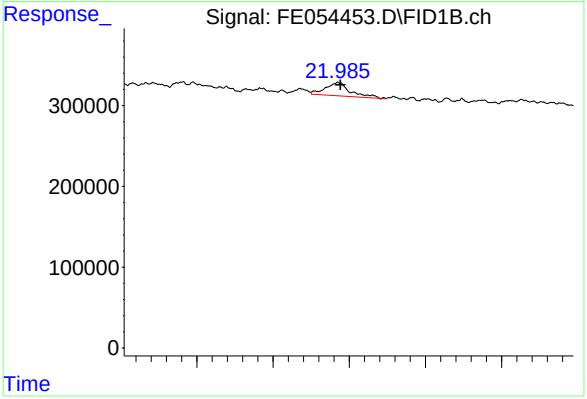
#20 n-Hexatriacontane (C36)

R.T.: 20.361 min
Delta R.T.: -0.005 min
Response: 48095
Conc: 0.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.091 min
Delta R.T.: -0.005 min
Response: 170880
Conc: 1.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.985 min
Delta R.T.: -0.003 min
Response: 373819
Conc: 2.78 ug/ml