

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060225AL\
 Data File : FE054126.D
 Signal(s) : FID1B.ch
 Acq On : 02 Jun 2025 17:18
 Operator : YP\AJ
 Sample : Q2173-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-400-CF-402B-COMP-23

Integration File: autoint1.e
 Quant Time: Jun 03 01:20:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.840	4746619	29.208 ug/ml
Spiked Amount 50.000		Recovery =	58.42%
12) S 1-chlorooctadecane (S...	13.286	4793580	40.435 ug/ml
Spiked Amount 50.000		Recovery =	80.87%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.178	31970	0.222 ug/ml
6) T n-Tetradecane (C14)	8.457	121655	0.901 ug/ml
7) T n-Hexadecane (C16)	10.095	89716	0.665 ug/ml
8) T n-Octadecane (C18)	11.522	27269	0.203 ug/ml
10) T n-Eicosane (C20)	12.826	419073	3.189 ug/ml
11) T n-Heneicosane (C21)	13.477	400536	3.090 ug/ml
13) T n-Docosane (C22)	14.039	361461	2.833 ug/ml
14) T n-Tetracosane (C24)	15.134	3335141	26.656 ug/ml
15) T n-Hexacosane (C26)	16.171	172362	1.408 ug/ml
16) T n-Octacosane (C28)	17.147	678022	5.577 ug/ml
17) T n-Tricontane (C30)	18.008	279834	2.246 ug/ml
18) T n-Dotriacontane (C32)	18.829	439034	3.511 ug/ml
19) T n-Tetratriacontane (C34)	19.672	55809	0.469 ug/ml

(f)=RT Delta > 1/2 Window

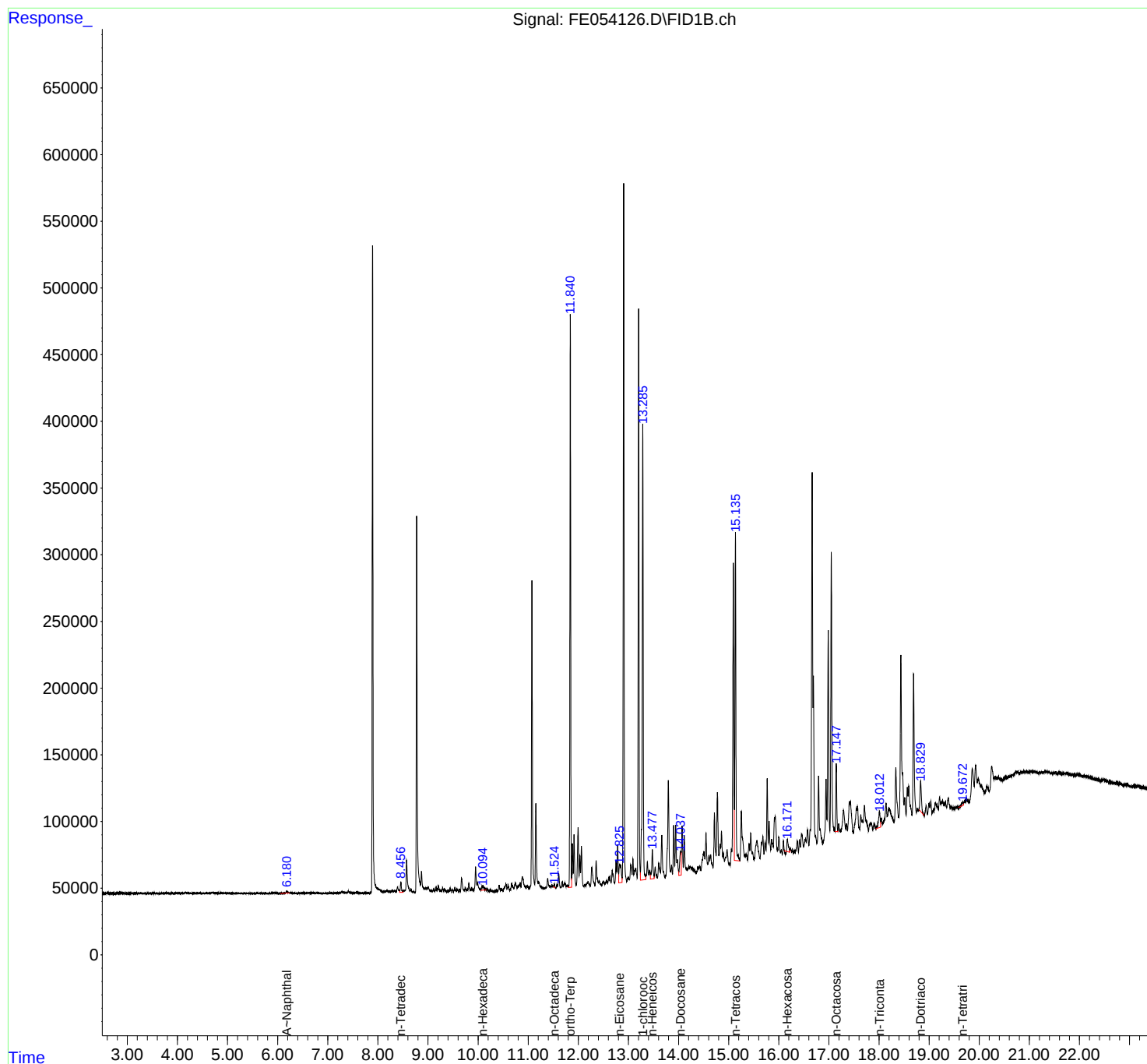
(m)=manual int.

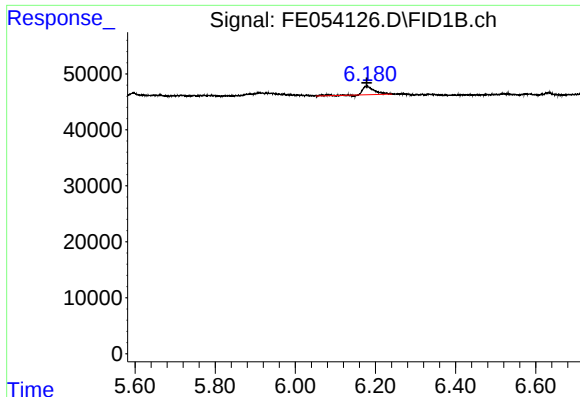
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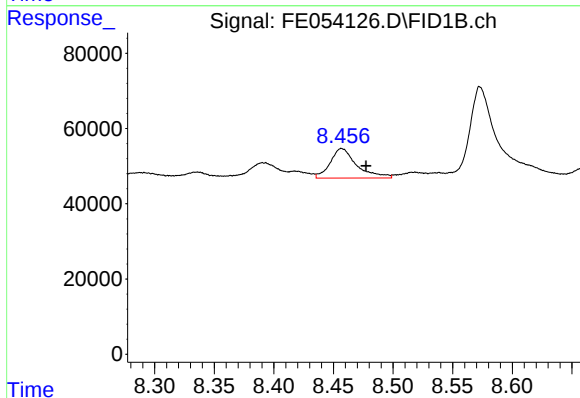




#3 A~Naphthalene (C11.7)

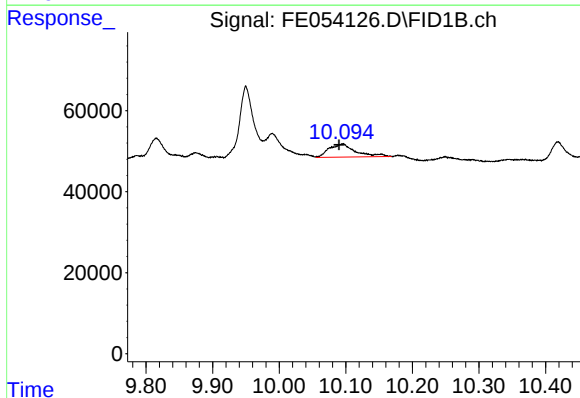
R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 31970
Conc: 0.22 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-400-CF-402B-COMP-23



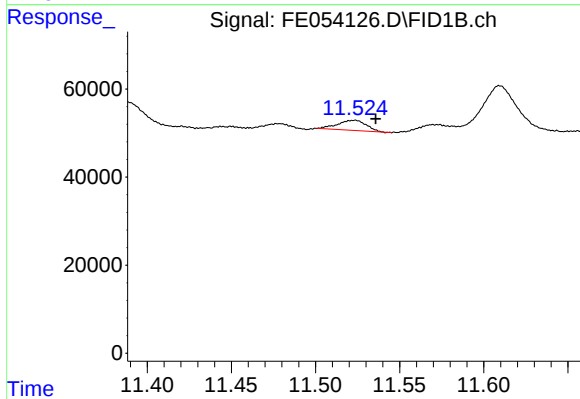
#6 n-Tetradecane (C14)

R.T.: 8.457 min
Delta R.T.: -0.020 min
Response: 121655
Conc: 0.90 ug/ml



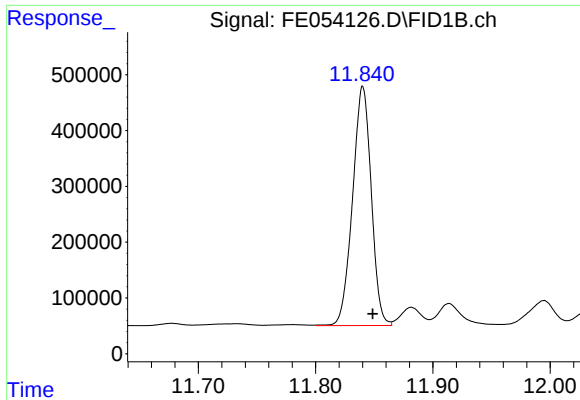
#7 n-Hexadecane (C16)

R.T.: 10.095 min
Delta R.T.: 0.005 min
Response: 89716
Conc: 0.66 ug/ml



#8 n-Octadecane (C18)

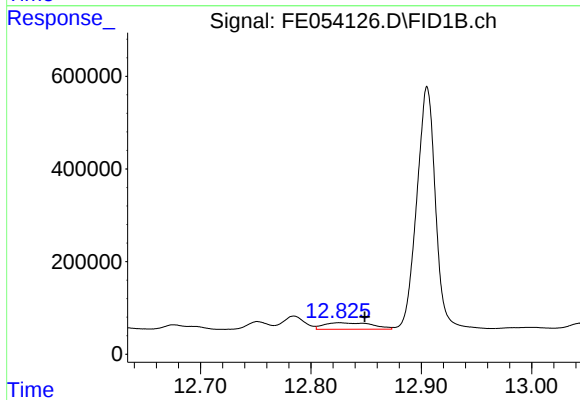
R.T.: 11.522 min
Delta R.T.: -0.013 min
Response: 27269
Conc: 0.20 ug/ml



#9 ortho-Terphenyl (SURR)

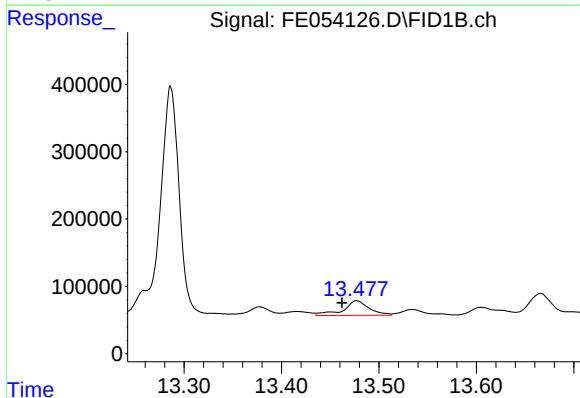
R.T.: 11.840 min
Delta R.T.: -0.008 min
Response: 4746619
Conc: 29.21 ug/ml

Instrument :
FID_E
ClientSampleId :
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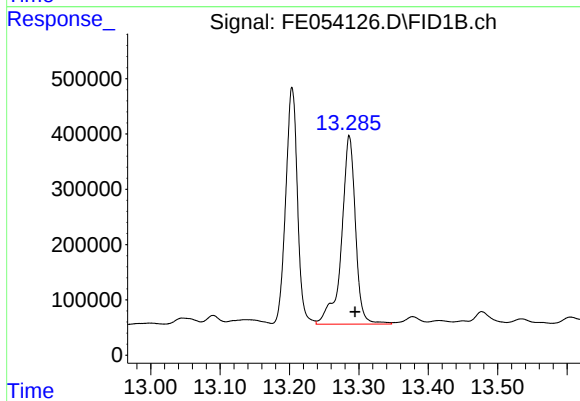
#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.023 min
Response: 419073
Conc: 3.19 ug/ml



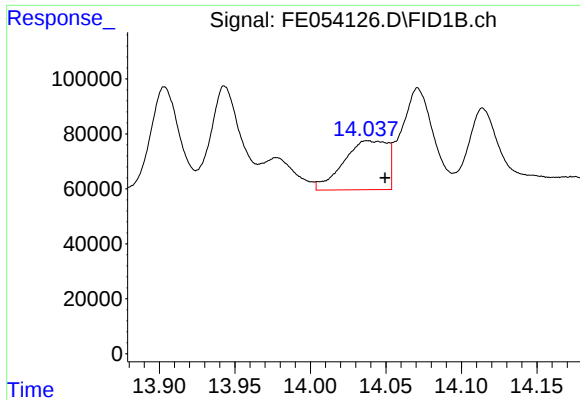
#11 n-Heneicosane (C21)

R.T.: 13.477 min
Delta R.T.: 0.015 min
Response: 400536
Conc: 3.09 ug/ml



#12 1-chlorooctadecane (SURR)

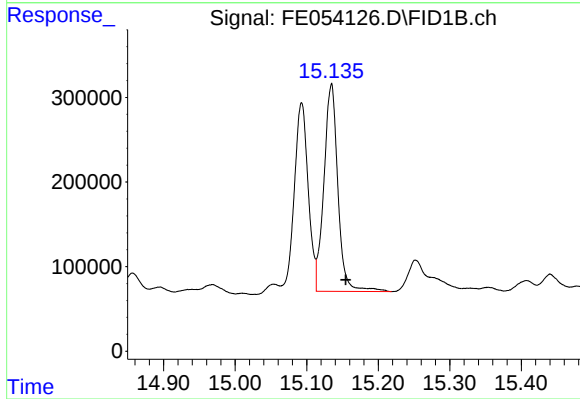
R.T.: 13.286 min
Delta R.T.: -0.008 min
Response: 4793580
Conc: 40.44 ug/ml



#13 n-Docosane (C22)

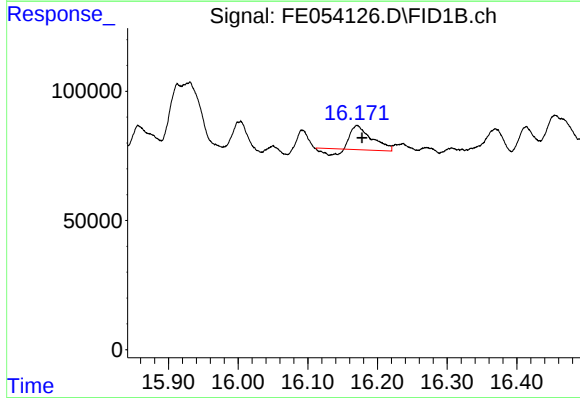
R.T.: 14.039 min
Delta R.T.: -0.010 min
Response: 361461
Conc: 2.83 ug/ml

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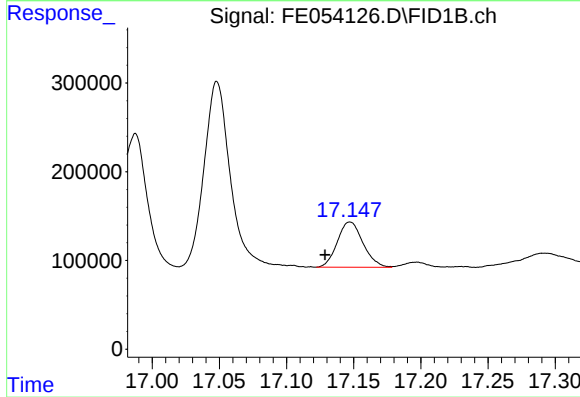
#14 n-Tetracosane (C24)

R.T.: 15.134 min
Delta R.T.: -0.020 min
Response: 3335141
Conc: 26.66 ug/ml



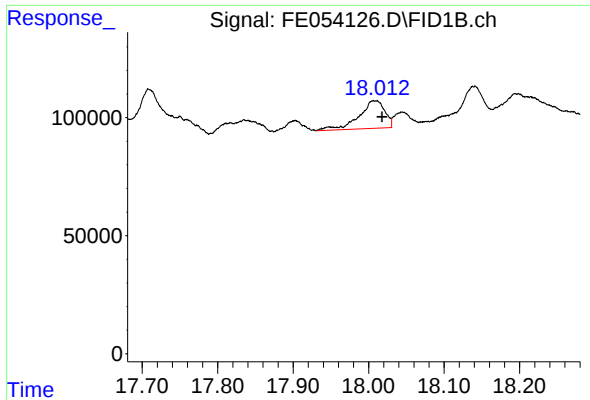
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: -0.007 min
Response: 172362
Conc: 1.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.147 min
Delta R.T.: 0.019 min
Response: 678022
Conc: 5.58 ug/ml



#17 n-Tricontane (C30)

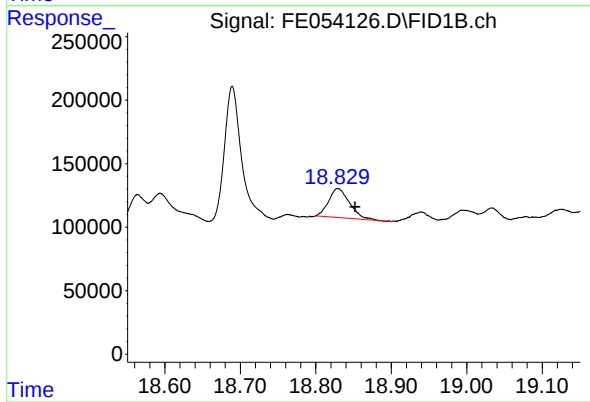
R.T.: 18.008 min
Delta R.T.: -0.010 min
Response: 279834
Conc: 2.25 ug/ml

Instrument :

FID_E

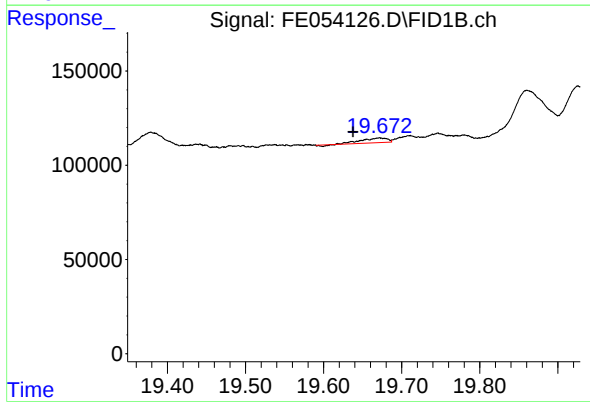
ClientSampleId :

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#18 n-Dotriacontane (C32)

R.T.: 18.829 min
Delta R.T.: -0.023 min
Response: 439034
Conc: 3.51 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.672 min
Delta R.T.: 0.034 min
Response: 55809
Conc: 0.47 ug/ml