

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101724AR\
 Data File : FD048541.D
 Signal(s) : FID2B.ch
 Acq On : 17 Oct 2024 17:35
 Operator : YP/AJ
 Sample : PB164209BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB164209BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2024
 Supervised By :Ankita Jodhani 10/18/2024

Integration File: autoint1.e
 Quant Time: Oct 18 02:57:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 2024
 Response via : Initial Calibration
 Integrator: ChemStation

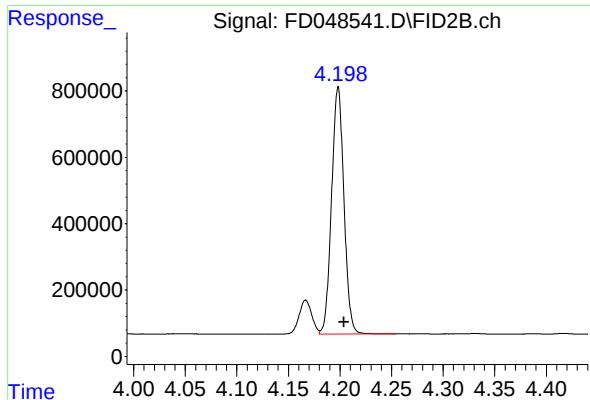
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.376	8451089	51.043 ug/ml
Spiked Amount 50.000		Recovery =	102.09%
6) S 2-Fluorobiphenyl (SURR)	8.225	5439451	52.451 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.90%
11) S ortho-Terphenyl (SURR)	11.263	8243557	44.803 ug/ml
Spiked Amount 50.000		Recovery =	89.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.198	6215990	35.468 ug/ml
2) T Naphthalene (C11.7)	5.716	7252287	38.842 ug/ml
3) T 2-Methylnaphthalene (...)	6.763	7364684	38.969 ug/ml
5) T Acenaphthylene (C15.06)	8.029	7941036	41.394 ug/ml
7) T Acenaphthene (C15.5)	8.324	8361571	44.205 ug/ml
8) T Fluorene (C16.55)	9.103	8428318	46.649 ug/ml
9) T Phenanthrene (C19.36)	10.490	8456758	47.716 ug/ml
10) T Anthracene (C19.43)	10.566	8564768	48.133 ug/ml
12) T Fluoranthene (C21.85)	12.296	8555186	47.299 ug/mlm
13) T Pyrene (C20.8)	12.590	8913671	49.778 ug/ml
14) T Benzo[a]anthracene (C...	14.458	7921984	49.570 ug/ml
15) T Chrysene (C27.41)	14.502	8002617	42.903 ug/ml
16) T benzo[b]fluoranthene ...	16.006	7727895	46.402 ug/ml
17) T Bnezo[k]fluoranthene ...	16.042	7696953	45.343 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	7451905	45.593 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.750	7836923	59.578 ug/ml
20) T Dibenz[a,h]anthracene...	17.787	7449528	44.519 ug/ml
21) T Benzo[g,h,i]perylene ...	18.001	7175471	44.177 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



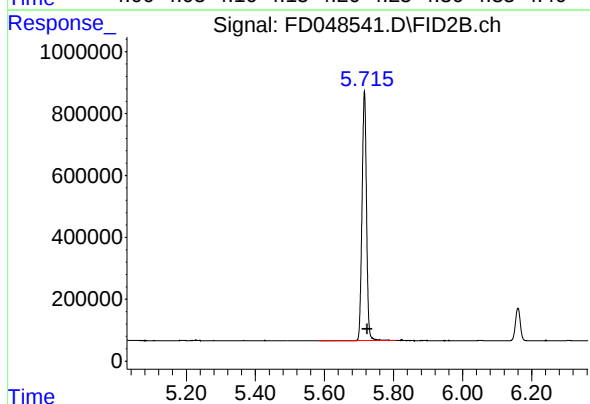
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.198 min
Delta R.T.: -0.006 min
Response: 6215990
Conc: 35.47 ug/ml

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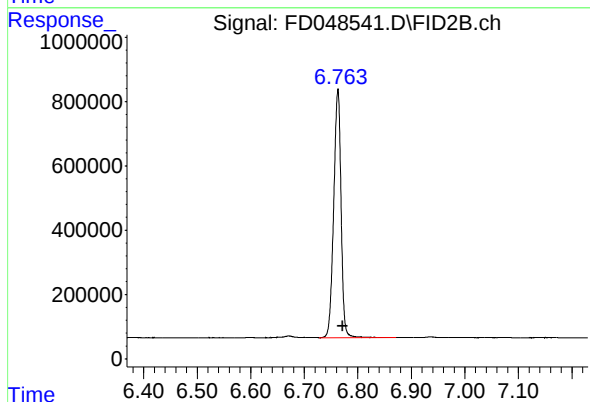
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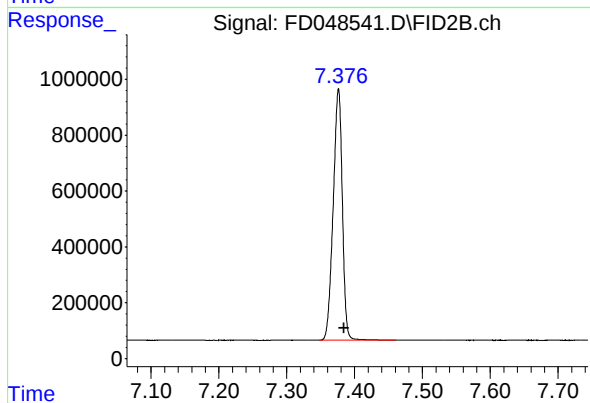
#2 Naphthalene (C11.7)

R.T.: 5.716 min
Delta R.T.: -0.009 min
Response: 7252287
Conc: 38.84 ug/ml



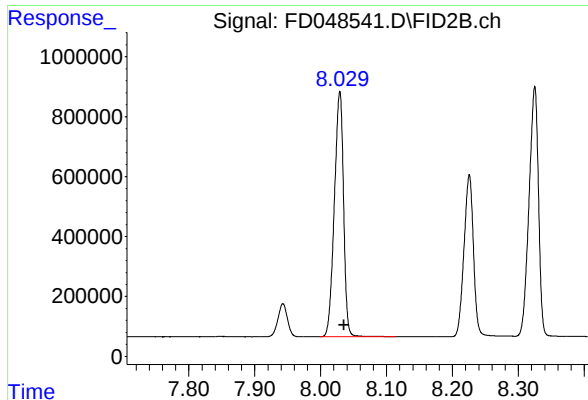
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.763 min
Delta R.T.: -0.009 min
Response: 7364684
Conc: 38.97 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.376 min
Delta R.T.: -0.008 min
Response: 8451089
Conc: 51.04 ug/ml



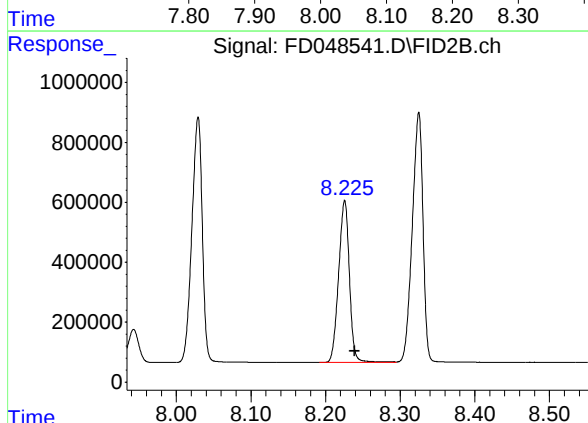
#5 Acenaphthylene (C15.06)

R.T.: 8.029 min
Delta R.T.: -0.007 min
Response: 7941036
Conc: 41.39 ug/ml

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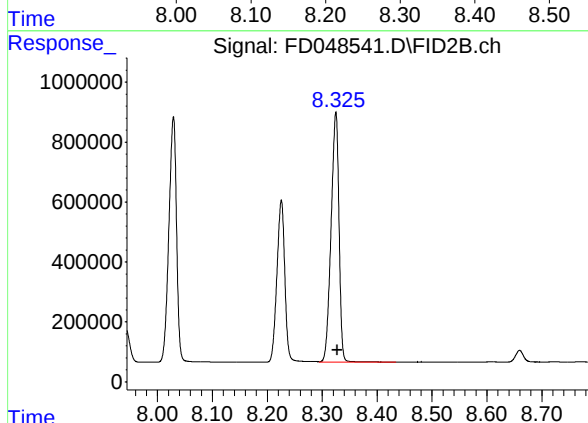
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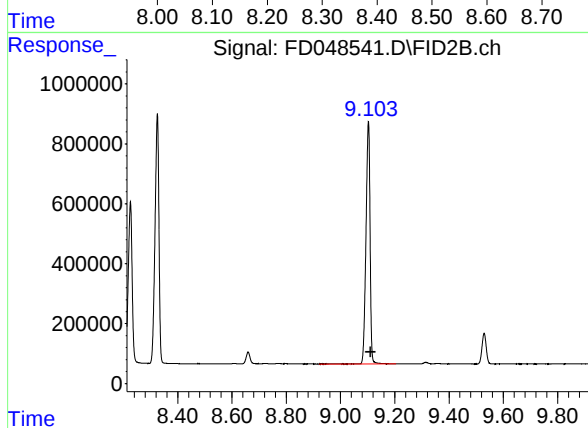
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.225 min
Delta R.T.: -0.013 min
Response: 5439451
Conc: 52.45 ug/ml



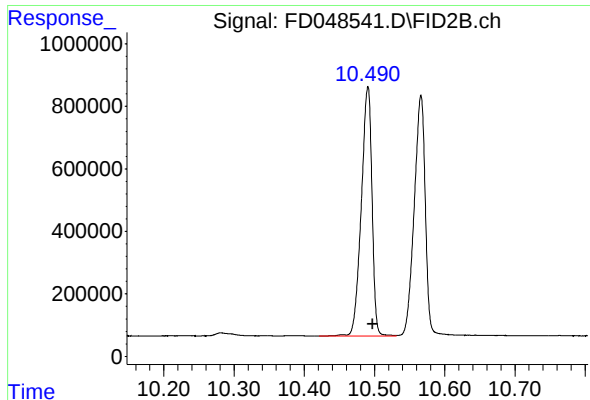
#7 Acenaphthene (C15.5)

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 8361571
Conc: 44.20 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.103 min
Delta R.T.: -0.008 min
Response: 8428318
Conc: 46.65 ug/ml



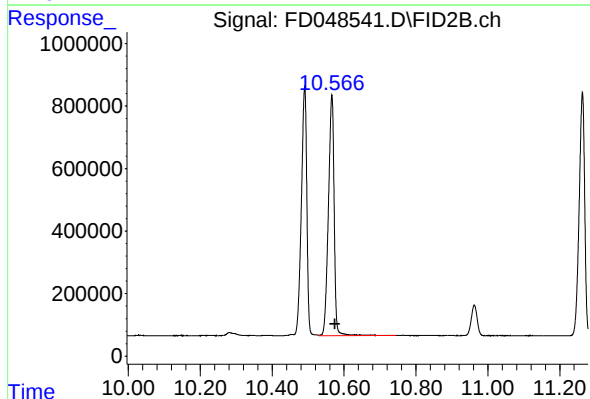
#9 Phenanthrene (C19.36)

R.T.: 10.490 min
Delta R.T.: -0.007 min
Response: 8456758
Conc: 47.72 ug/ml

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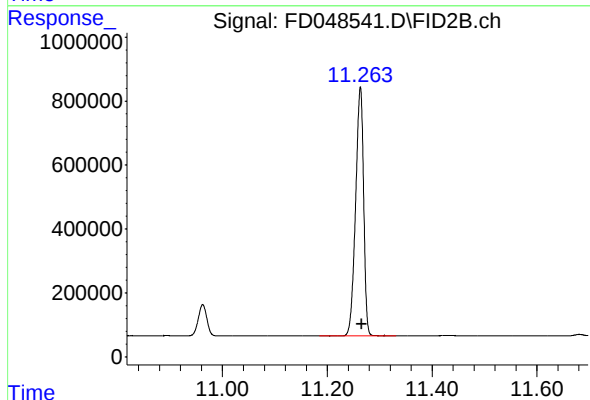
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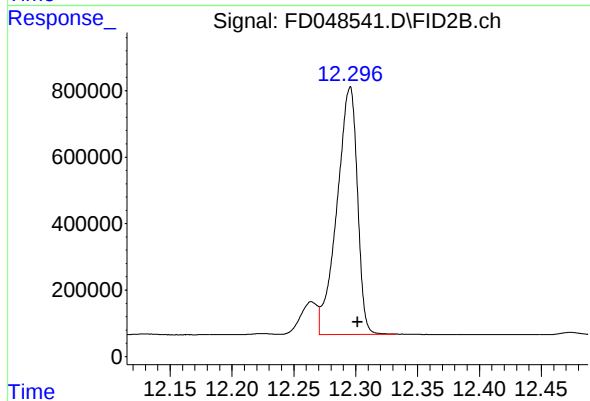
#10 Anthracene (C19.43)

R.T.: 10.566 min
Delta R.T.: -0.010 min
Response: 8564768
Conc: 48.13 ug/ml



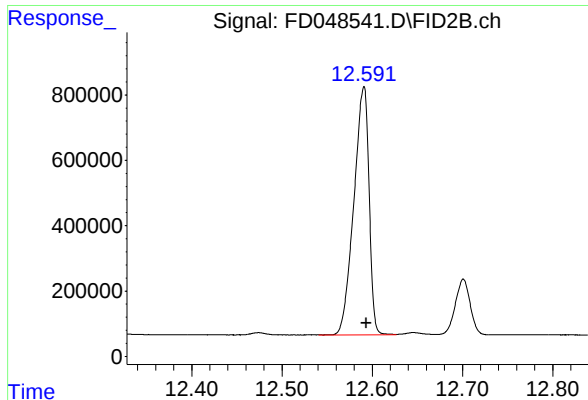
#11 ortho-Terphenyl (SURR)

R.T.: 11.263 min
Delta R.T.: -0.003 min
Response: 8243557
Conc: 44.80 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.296 min
Delta R.T.: -0.006 min
Response: 8555186
Conc: 47.30 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.590 min
Delta R.T.: -0.003 min
Response: 8913671
Conc: 49.78 ug/ml

Instrument :

FID_D

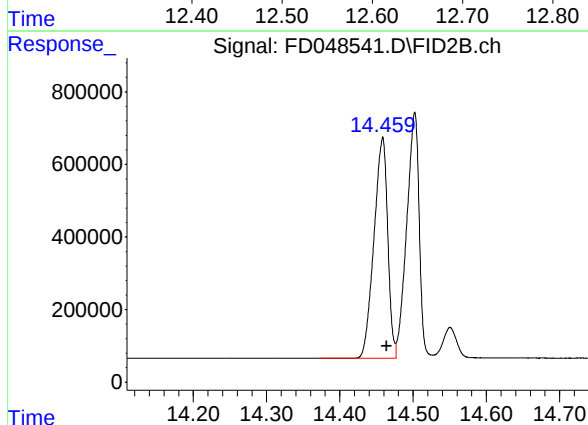
ClientSampleId :

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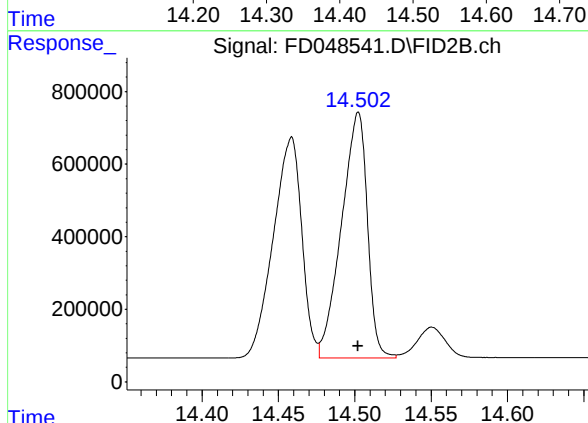
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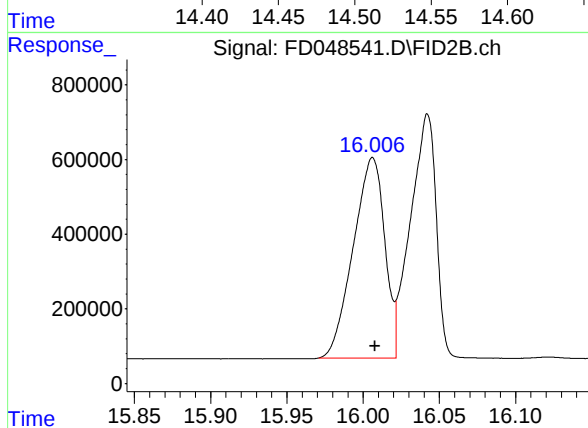
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.458 min
Delta R.T.: -0.006 min
Response: 7921984
Conc: 49.57 ug/ml



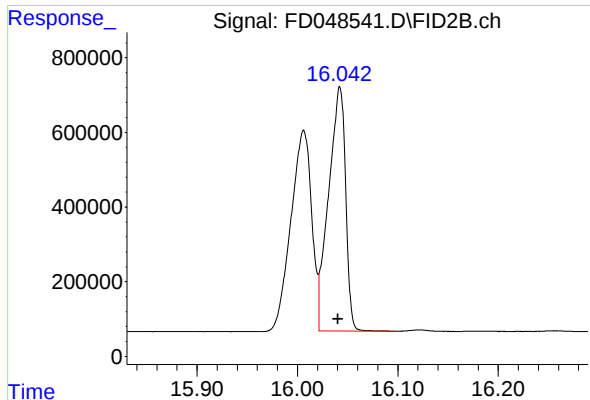
#15 Chrysene (C27.41)

R.T.: 14.502 min
Delta R.T.: 0.000 min
Response: 8002617
Conc: 42.90 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.006 min
Delta R.T.: -0.002 min
Response: 7727895
Conc: 46.40 ug/ml



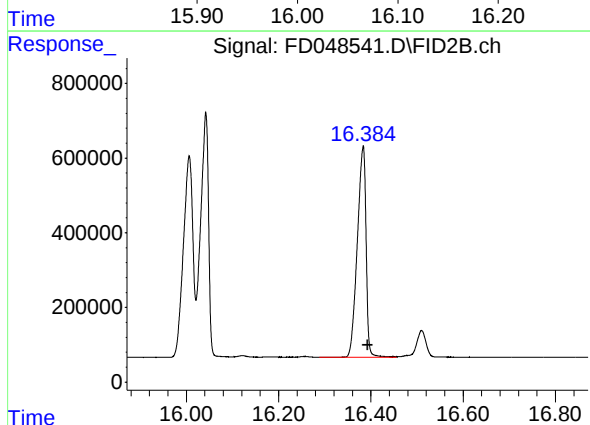
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.042 min
Delta R.T.: 0.001 min
Response: 7696953
Conc: 45.34 ug/ml

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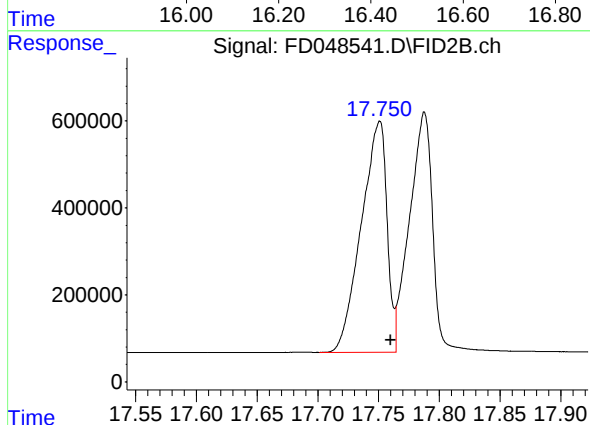
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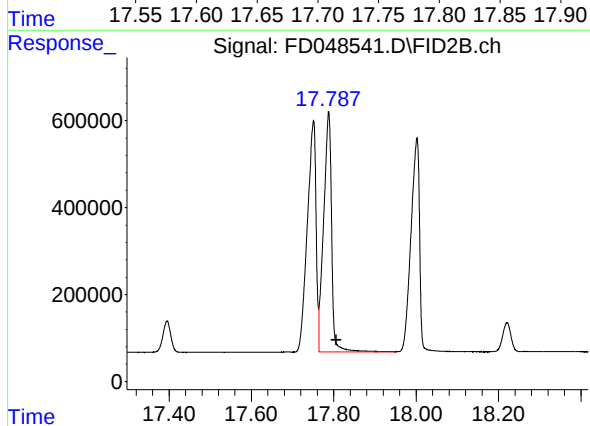
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.383 min
Delta R.T.: -0.011 min
Response: 7451905
Conc: 45.59 ug/ml



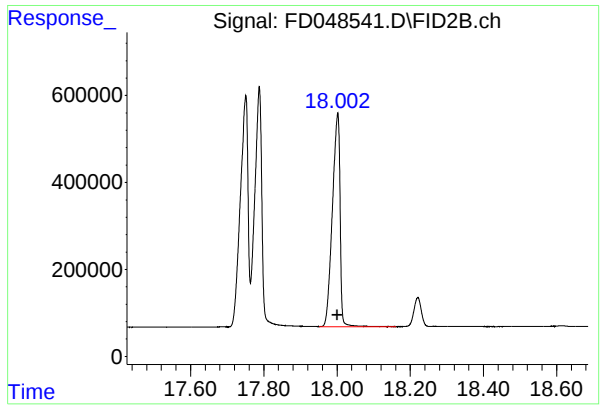
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.750 min
Delta R.T.: -0.010 min
Response: 7836923
Conc: 59.58 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.787 min
Delta R.T.: -0.019 min
Response: 7449528
Conc: 44.52 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.001 min
Delta R.T.: 0.000 min
Response: 7175471
Conc: 44.18 ug/ml

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