

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011323AR\
 Data File : FD044786.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jan 2023 16:00
 Operator : YP/AJ
 Sample : PB150234BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150234BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/16/2023
 Supervised By :Ankita Jodhani 01/16/2023

Integration File: autoint1.e
 Quant Time: Jan 16 03:11:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122422.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 17:15:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation

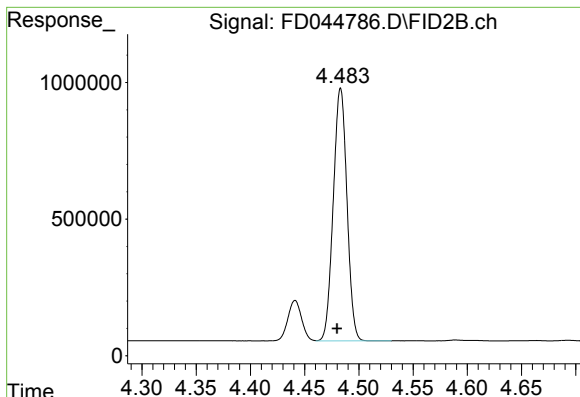
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.665	10830996	75.109 ug/ml
Spiked Amount 50.000		Recovery =	150.22%
6) S 2-Fluorobiphenyl (SURR)	8.522	6838826	70.452 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	140.90%#
11) S ortho-Terphenyl (SURR)	11.551	10999563	61.051 ug/ml
Spiked Amount 50.000		Recovery =	122.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.483	8121382	50.476 ug/ml
2) T Naphthalene (C11.7)	6.011	8174045	48.701 ug/ml
3) T 2-Methylnaphthalene (...)	7.056	8556041	50.887 ug/ml
5) T Acenaphthylene (C15.06)	8.326	8566204	56.478 ug/ml
7) T Acenaphthene (C15.5)	8.622	9329660	57.551 ug/ml
8) T Flouorene (C16.55)	9.397	8934922	56.061 ug/ml
9) T Phenanthrene (C19.36)	10.786	8824142	56.228 ug/ml
10) T Anthracene (C19.43)	10.861	8578671	68.220 ug/ml
12) T Fluoranthene (C21.85)	12.588	8765542	55.819 ug/ml
13) T Pyrene (C20.8)	12.884	9018707	58.914 ug/ml
14) T Benzo[a]anthracene (C...	14.744	8374189	58.895 ug/ml
15) T Chrysene (C27.41)	14.789	8536085	56.292 ug/mlm
16) T benzo[b]fluoranthene ...	16.285	8261912	54.935 ug/ml
17) T Bnezo[k]fluoranthene ...	16.321	7815580	51.587 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.662	7533113	51.922 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.018	7123406	50.372 ug/ml
20) T Dibenz[a,h]anthracene...	18.057	6987839	47.670 ug/ml
21) T Benzo[g,h,i]perylene ...	18.273	7351805	51.752 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



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

R.T.: 4.483 min
Delta R.T.: 0.003 min
Response: 8121382
Conc: 50.48 ug/ml

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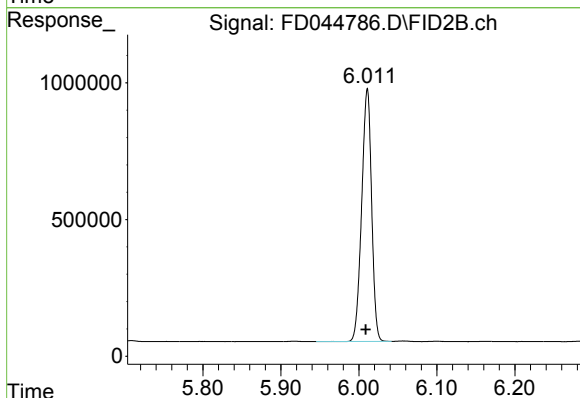
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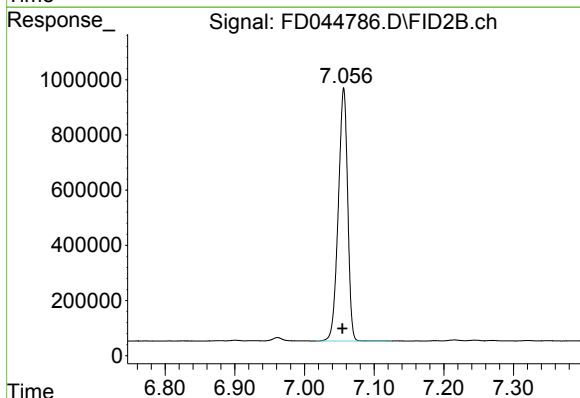
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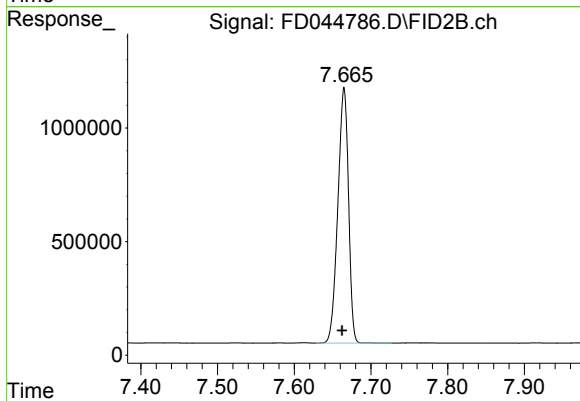
#2 Naphthalene (C11.7)

R.T.: 6.011 min
Delta R.T.: 0.002 min
Response: 8174045
Conc: 48.70 ug/ml



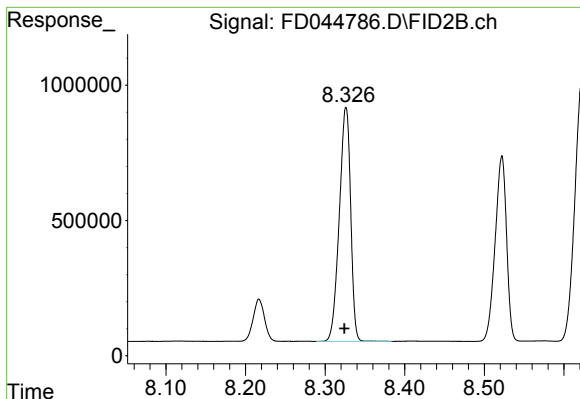
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: 0.002 min
Response: 8556041
Conc: 50.89 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.665 min
Delta R.T.: 0.002 min
Response: 10830996
Conc: 75.11 ug/ml



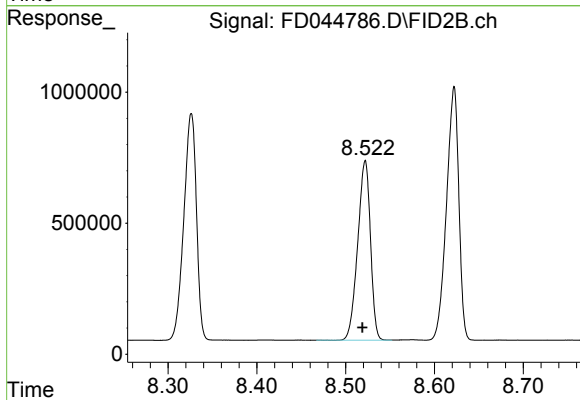
#5 Acenaphthylene (C15.06)

R.T.: 8.326 min
Delta R.T.: 0.002 min
Response: 8566204
Conc: 56.48 ug/ml

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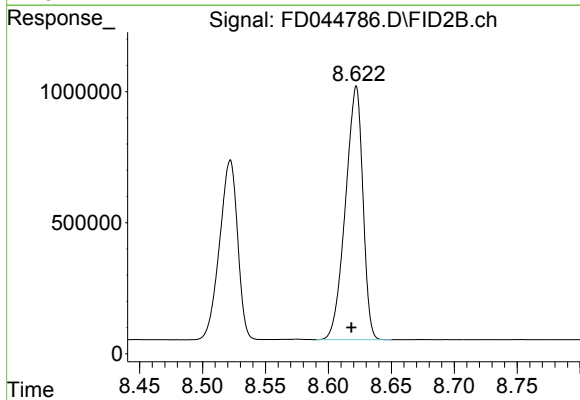
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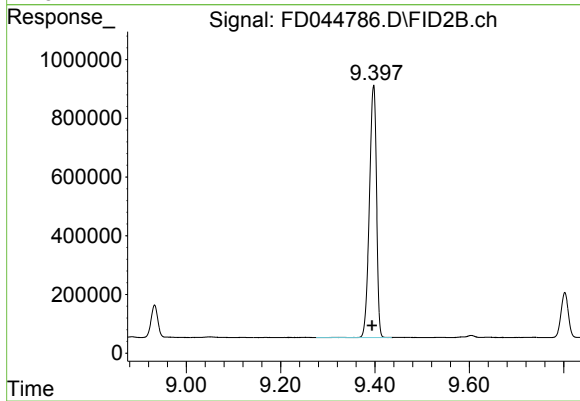
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.522 min
Delta R.T.: 0.003 min
Response: 6838826
Conc: 70.45 ug/ml



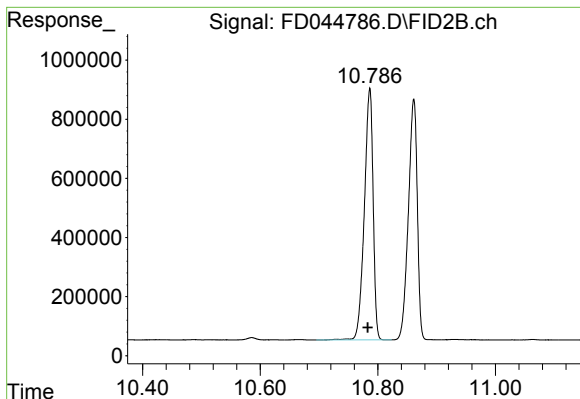
#7 Acenaphthene (C15.5)

R.T.: 8.622 min
Delta R.T.: 0.003 min
Response: 9329660
Conc: 57.55 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.397 min
Delta R.T.: 0.003 min
Response: 8934922
Conc: 56.06 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.786 min
Delta R.T.: 0.003 min
Response: 8824142
Conc: 56.23 ug/ml

Instrument :

FID_D

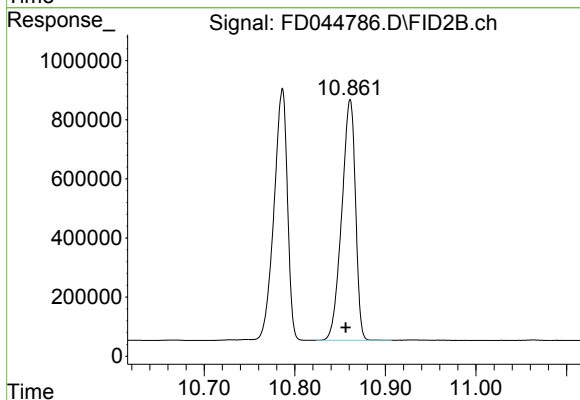
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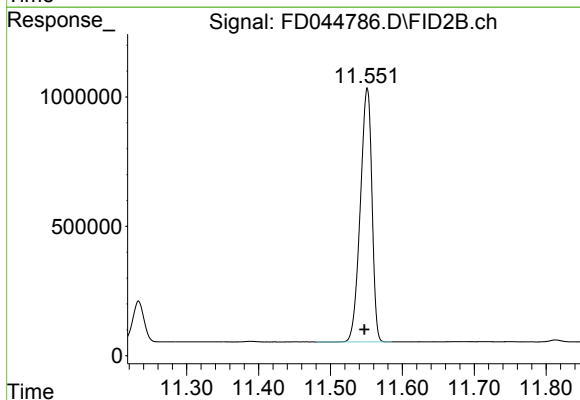
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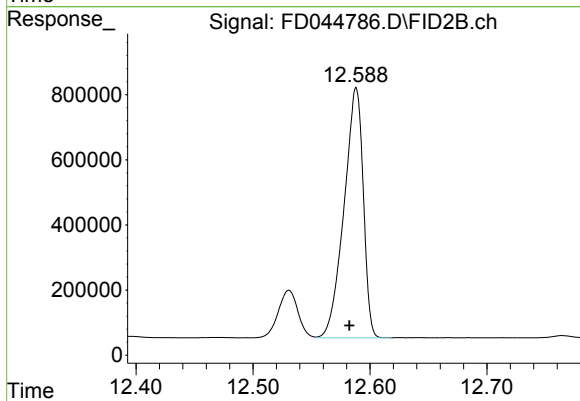
#10 Anthracene (C19.43)

R.T.: 10.861 min
Delta R.T.: 0.005 min
Response: 8578671
Conc: 68.22 ug/ml



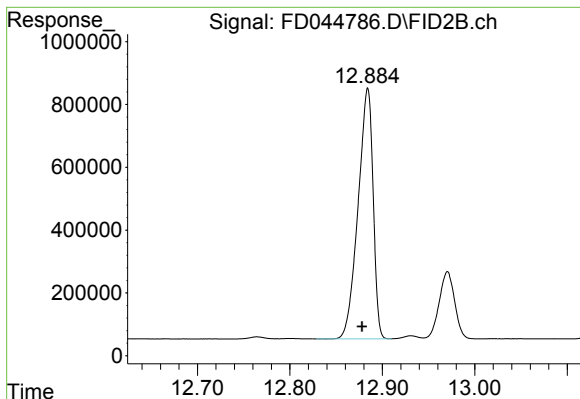
#11 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: 0.004 min
Response: 10999563
Conc: 61.05 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.588 min
Delta R.T.: 0.005 min
Response: 8765542
Conc: 55.82 ug/ml



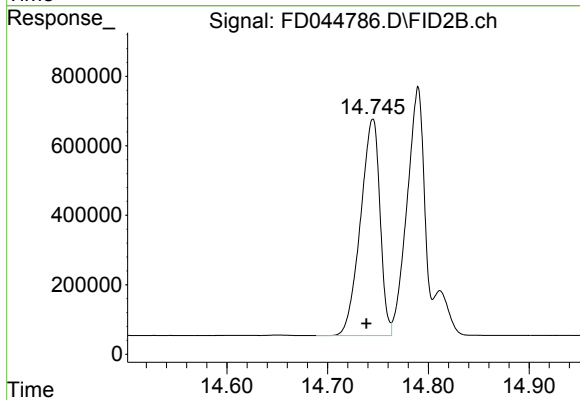
#13 Pyrene (C20.8)

R.T.: 12.884 min
Delta R.T.: 0.005 min
Response: 9018707
Conc: 58.91 ug/ml

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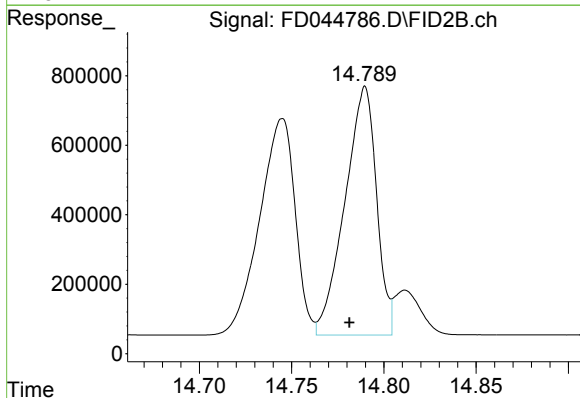
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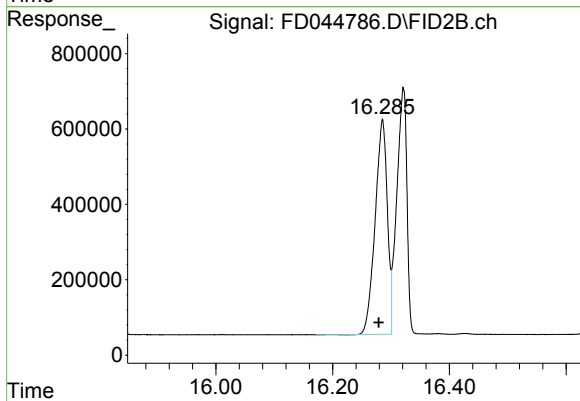
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min
Delta R.T.: 0.006 min
Response: 8374189
Conc: 58.89 ug/ml



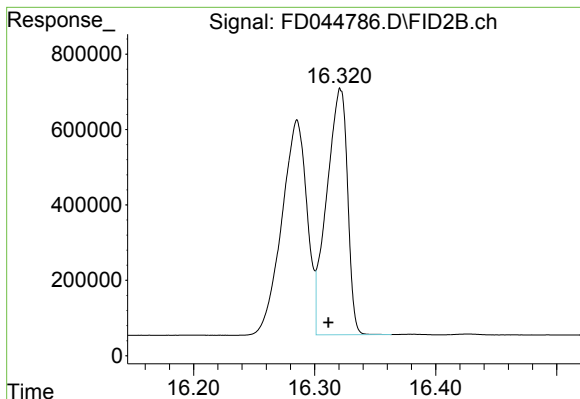
#15 Chrysene (C27.41)

R.T.: 14.789 min
Delta R.T.: 0.008 min
Response: 8536085
Conc: 56.29 ug/ml m



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

R.T.: 16.285 min
Delta R.T.: 0.006 min
Response: 8261912
Conc: 54.93 ug/ml



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

R.T.: 16.321 min
Delta R.T.: 0.009 min
Response: 7815580
Conc: 51.59 ug/ml

Instrument :

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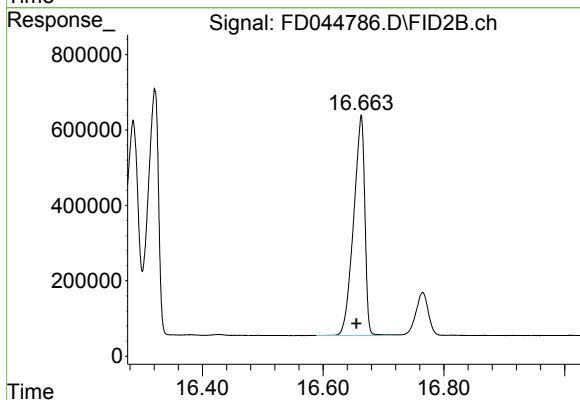
ClientSampleId :

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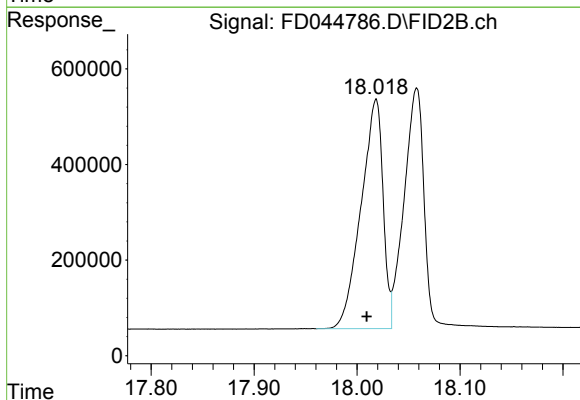
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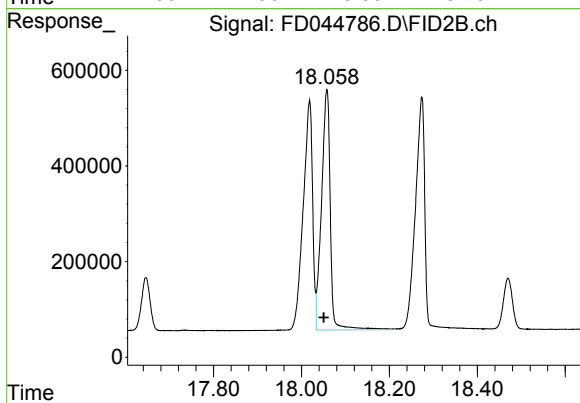
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.662 min
Delta R.T.: 0.007 min
Response: 7533113
Conc: 51.92 ug/ml



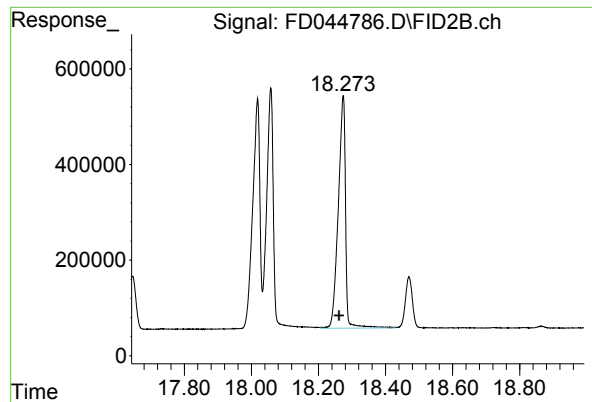
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.018 min
Delta R.T.: 0.008 min
Response: 7123406
Conc: 50.37 ug/ml



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

R.T.: 18.057 min
Delta R.T.: 0.006 min
Response: 6987839
Conc: 47.67 ug/ml



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

R.T.: 18.273 min
Delta R.T.: 0.011 min
Response: 7351805
Conc: 51.75 ug/ml

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