

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051321AR\
 Data File : FD037494.D
 Signal(s) : FID2B.CH
 Acq On : 14 May 2021 4:42
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Ankita
 5/14/2021 2:12:34 PM

Integration File: autoint1.e
 Quant Time: May 14 06:39:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 04:41:01 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.558	1017982	10.294 ug/ml
Spiked Amount 50.000		Recovery =	20.59%
6) S 2-Fluorobiphenyl (SURR)	8.418	675299	10.001 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.00%
11) S ortho-Terphenyl (SURR)	11.457	1216441	10.551 ug/ml
Spiked Amount 50.000		Recovery =	21.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.361	1070535	10.508 ug/ml
2) T Naphthalene (C11.7)	5.897	1136004	10.364 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	1145324	10.394 ug/ml
5) T Acenaphthylene (C15.06)	8.221	1111964	10.312 ug/ml
7) T Acenaphthene (C15.5)	8.516	1156848	10.394 ug/ml
8) T Flouorene (C16.55)	9.295	1115641	10.173 ug/ml
9) T Phenanthrene (C19.36)	10.689	1129522	10.153 ug/ml
10) T Anthracene (C19.43)	10.764	1102064	10.071 ug/ml
12) T Fluoranthene (C21.85)	12.498	1176182	10.363 ug/ml
13) T Pyrene (C20.8)	12.794	1166216	10.335 ug/ml
14) T Benzo[a]anthracene (C...	14.663	1109012	10.198 ug/ml
15) T Chrysene (C27.41)	14.705	1166713	10.397 ug/ml
16) T benzo[b]fluoranthene ...	16.212	1130518	10.163 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.243	1126913	10.422 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.590	1054693	10.224 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.951	1063232	9.782 ug/mlm
20) T Dibenz[a,h]anthracene...	17.992	1123080	10.583 ug/ml
21) T Benzo[g,h,i]perylene ...	18.205	1098419	10.176 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 10 PPM AROMATIC HC STD4
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ALS Vial : 71 Sample Multiplier: 1

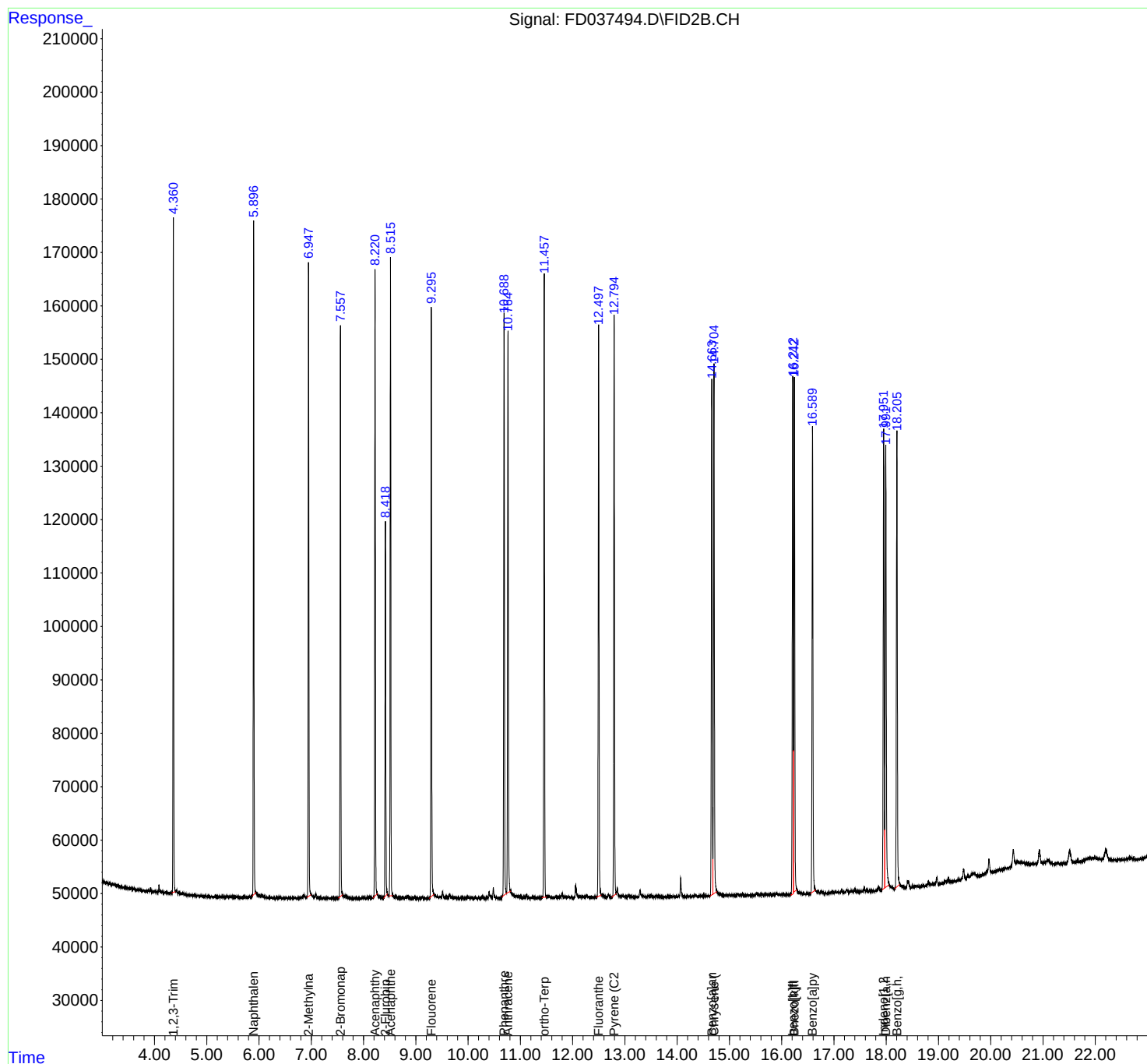
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10 PPM AROMATIC HC STD4

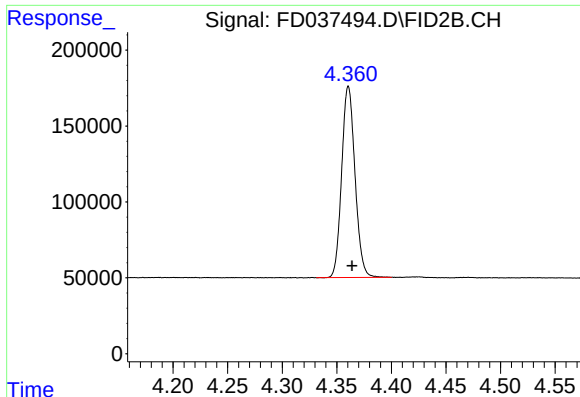
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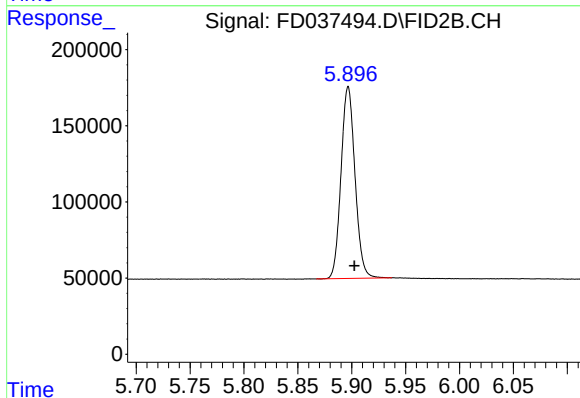
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.361 min
Delta R.T.: -0.003 min
Response: 1070535
Conc: 10.51 ug/ml

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10 PPM AROMATIC HC STD4

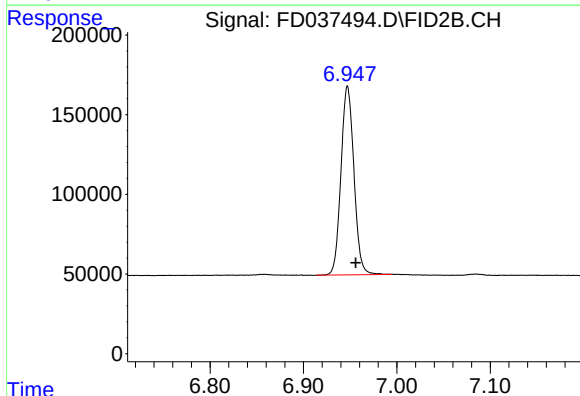
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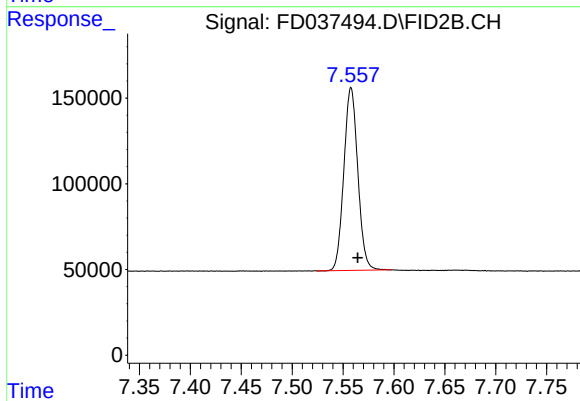
#2 Naphthalene (C11.7)

R.T.: 5.897 min
Delta R.T.: -0.006 min
Response: 1136004
Conc: 10.36 ug/ml



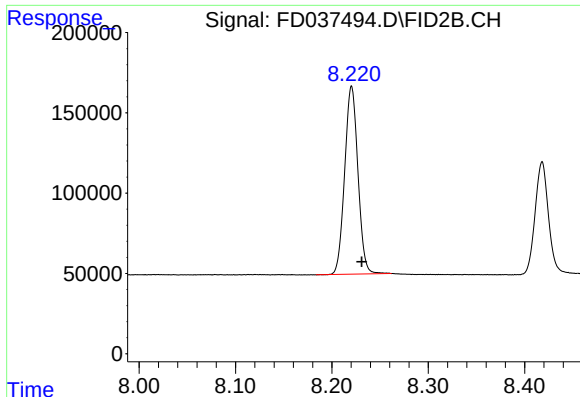
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: -0.009 min
Response: 1145324
Conc: 10.39 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.558 min
Delta R.T.: -0.007 min
Response: 1017982
Conc: 10.29 ug/ml



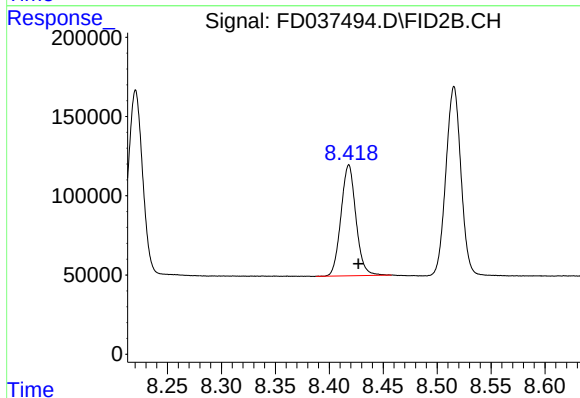
#5 Acenaphthylene (C15.06)

R.T.: 8.221 min
Delta R.T.: -0.010 min
Response: 1111964
Conc: 10.31 ug/ml

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10 PPM AROMATIC HC STD4

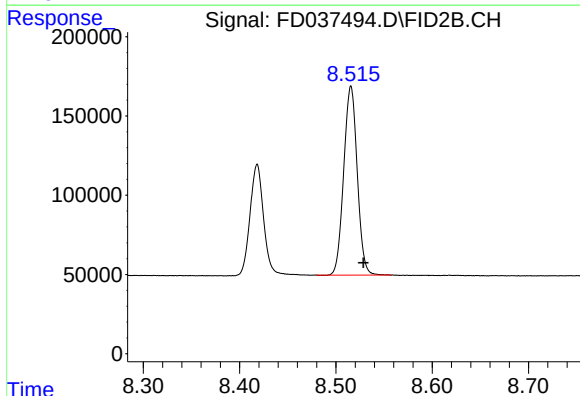
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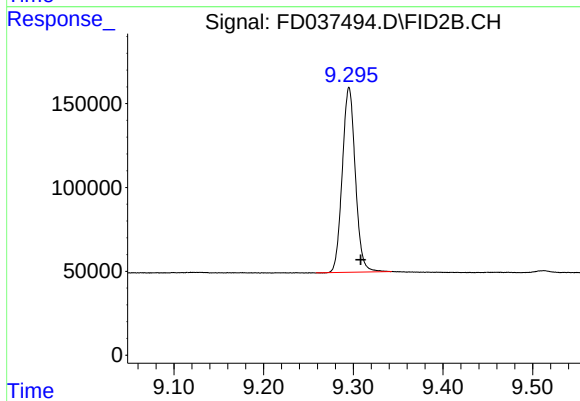
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.418 min
Delta R.T.: -0.009 min
Response: 675299
Conc: 10.00 ug/ml



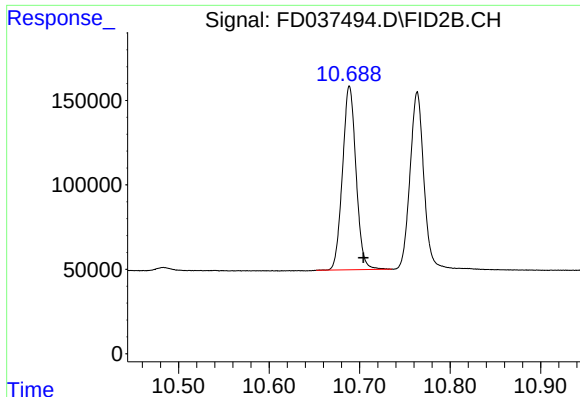
#7 Acenaphthene (C15.5)

R.T.: 8.516 min
Delta R.T.: -0.013 min
Response: 1156848
Conc: 10.39 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.295 min
Delta R.T.: -0.013 min
Response: 1115641
Conc: 10.17 ug/ml



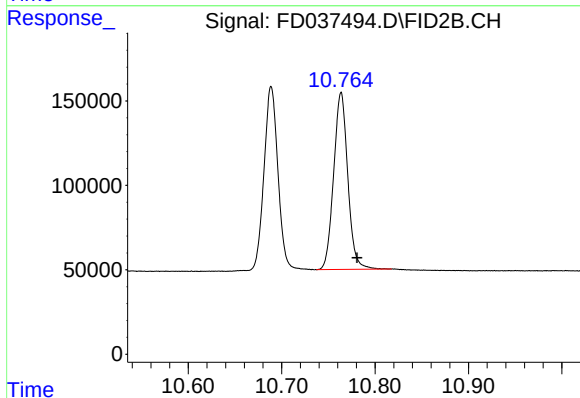
#9 Phenanthrene (C19.36)

R.T.: 10.689 min
Delta R.T.: -0.015 min
Response: 1129522
Conc: 10.15 ug/ml

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10 PPM AROMATIC HC STD4

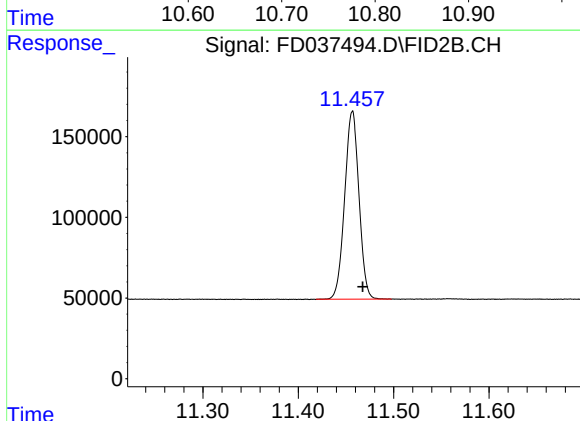
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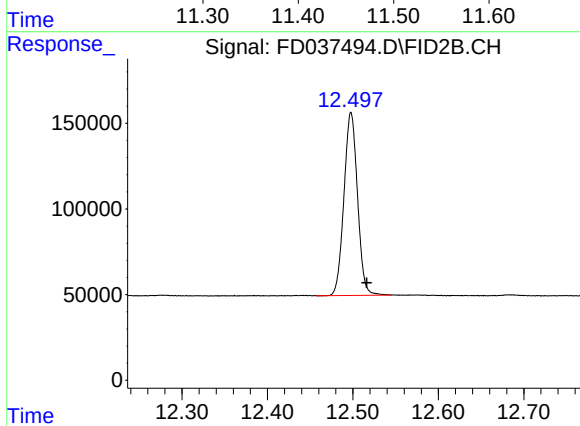
#10 Anthracene (C19.43)

R.T.: 10.764 min
Delta R.T.: -0.017 min
Response: 1102064
Conc: 10.07 ug/ml



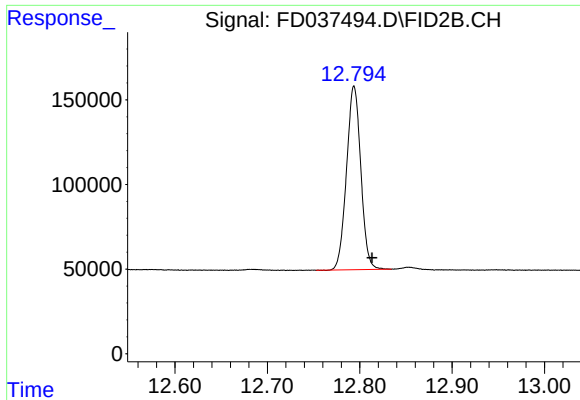
#11 ortho-Terphenyl (SURR)

R.T.: 11.457 min
Delta R.T.: -0.011 min
Response: 1216441
Conc: 10.55 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.498 min
Delta R.T.: -0.019 min
Response: 1176182
Conc: 10.36 ug/ml



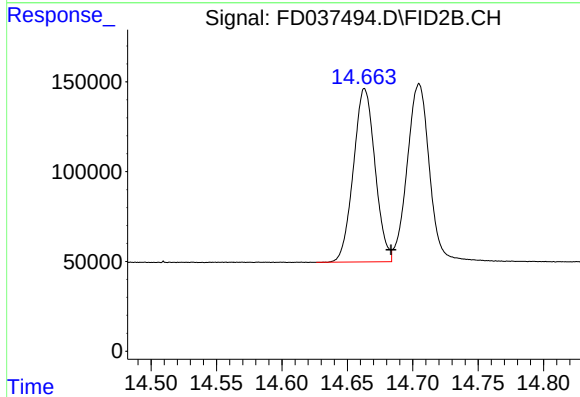
#13 Pyrene (C20.8)

R.T.: 12.794 min
Delta R.T.: -0.020 min
Response: 1166216
Conc: 10.34 ug/ml

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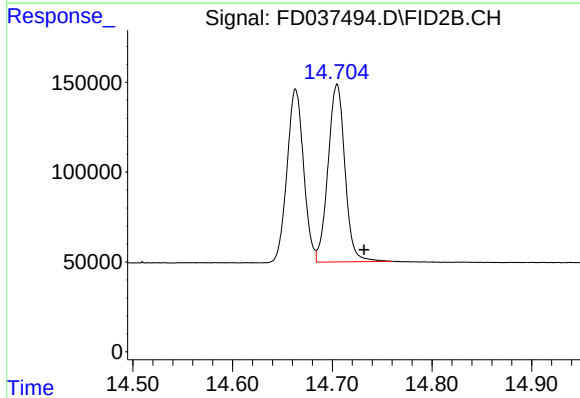
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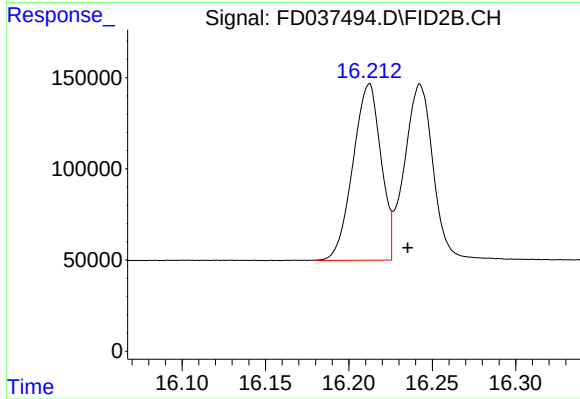
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.663 min
Delta R.T.: -0.020 min
Response: 1109012
Conc: 10.20 ug/ml



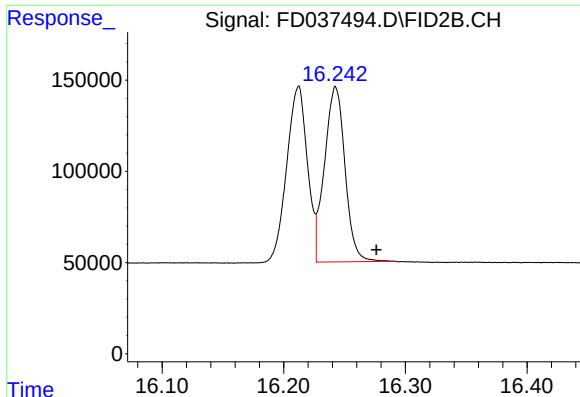
#15 Chrysene (C27.41)

R.T.: 14.705 min
Delta R.T.: -0.027 min
Response: 1166713
Conc: 10.40 ug/ml



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

R.T.: 16.212 min
Delta R.T.: -0.023 min
Response: 1130518
Conc: 10.16 ug/ml m



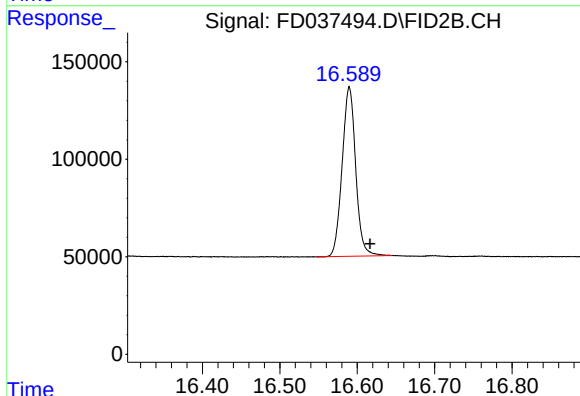
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.243 min
Delta R.T.: -0.034 min
Response: 1126913
Conc: 10.42 ug/ml

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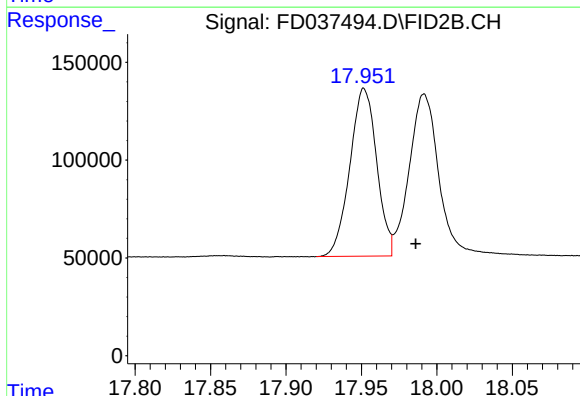
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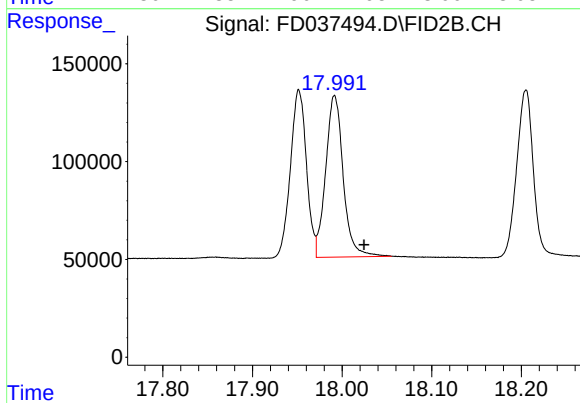
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.590 min
Delta R.T.: -0.027 min
Response: 1054693
Conc: 10.22 ug/ml



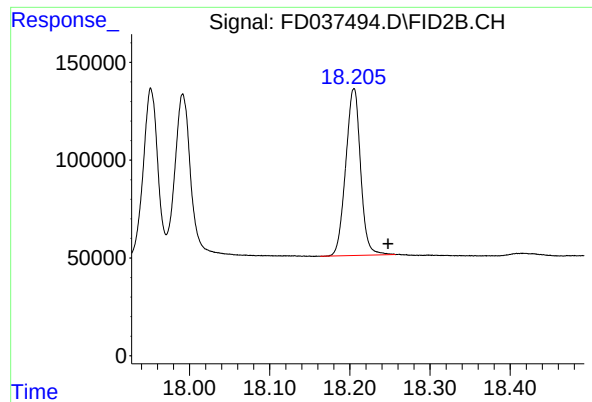
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.951 min
Delta R.T.: -0.035 min
Response: 1063232
Conc: 9.78 ug/ml m



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

R.T.: 17.992 min
Delta R.T.: -0.033 min
Response: 1123080
Conc: 10.58 ug/ml



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

R.T.: 18.205 min
Delta R.T.: -0.043 min
Response: 1098419
Conc: 10.18 ug/ml

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