

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022819AR\
 Data File : FD028008.D
 Signal(s) : FID2B.CH
 Acq On : 28 Feb 2019 18:45
 Operator : AJ\SJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Sohil
 3/1/2019 12:21:07 PM

Integration File: autoint1.e
 Quant Time: Mar 01 04:04:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022819.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 03:46:38 2019
 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...	7.325	1072462	10.286 ug/mlm
Spiked Amount 50.000		Recovery =	20.57%
6) S 2-Fluorobiphenyl (SURR)	8.173	715972	10.259 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.52%
11) S ortho-Terphenyl (SURR)	11.208	1179843	10.677 ug/ml
Spiked Amount 50.000		Recovery =	21.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.138	1063614	10.154 ug/ml
2) T Naphthalene (C11.7)	5.664	1174801	10.077 ug/ml
3) T 2-Methylnaphthalene (...)	6.712	1198296	10.191 ug/ml
5) T Acenaphthylene (C15.06)	7.976	1178842	10.389 ug/ml
7) T Acenaphthene (C15.5)	8.270	1249135	10.486 ug/ml
8) T Flouorene (C16.55)	9.048	1242741	10.626 ug/ml
9) T Phenanthrene (C19.36)	10.432	1136583	10.497 ug/ml
10) T Anthracene (C19.43)	10.507	1121732	10.469 ug/ml
12) T Fluoranthene (C21.85)	12.232	1104442	10.615 ug/ml
13) T Pyrene (C20.8)	12.525	1053019	10.366 ug/ml
14) T Benzo[a]anthracene (C...	14.390	1006671	10.150 ug/ml
15) T Chrysene (C27.41)	14.431	1032477	10.274 ug/ml
16) T benzo[b]fluoranthene ...	15.932	1048812	10.141 ug/ml
17) T Bnezo[k]fluoranthene ...	15.963	1085210	10.371 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.307	1074215	10.288 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.664	1004325	9.886 ug/ml
20) T Dibenz[a,h]anthracene...	17.707	997431	10.009 ug/ml
21) T Benzo[g,h,i]perylene ...	17.914	1091236	10.399 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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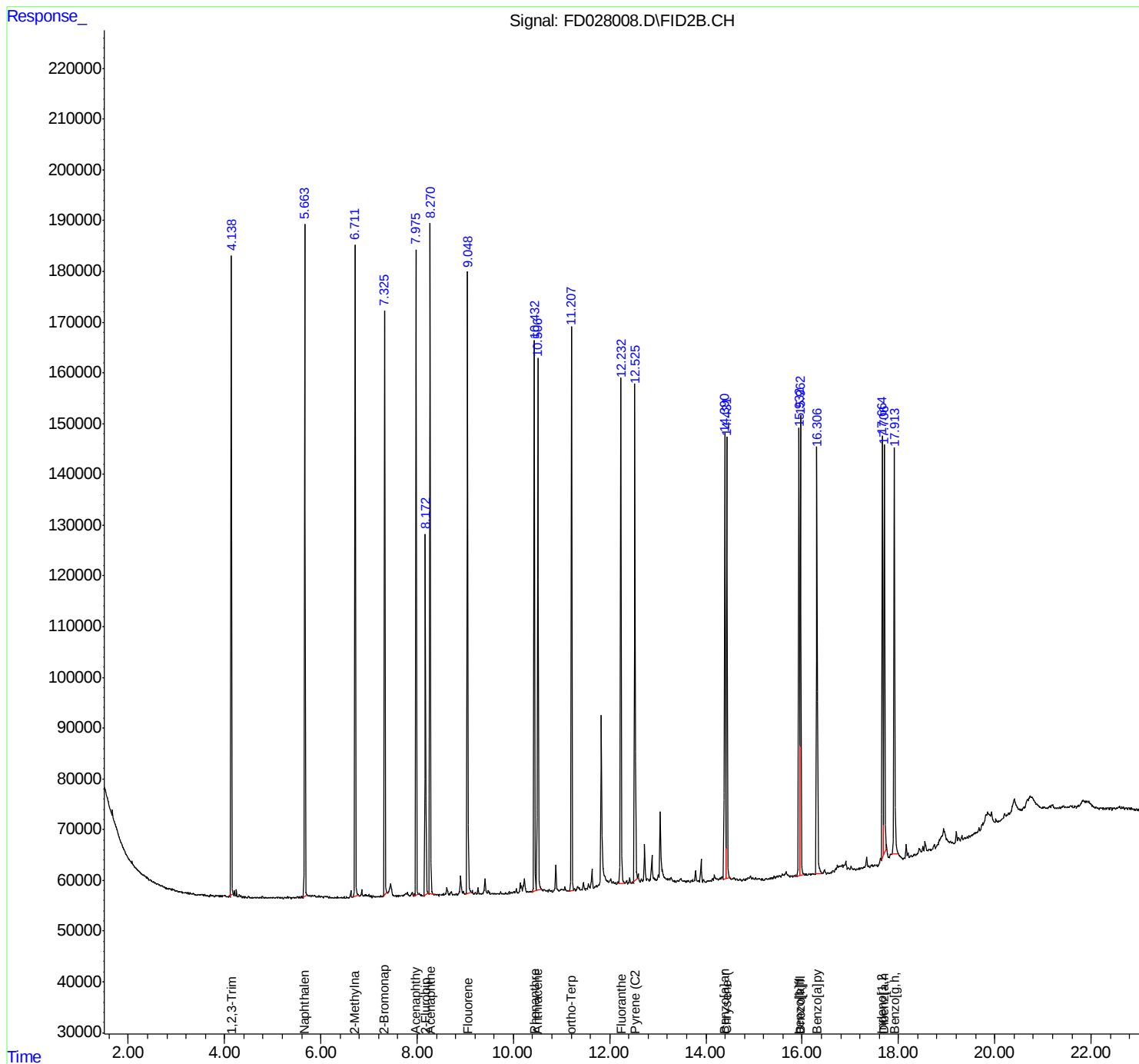
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10 PPM AROMATIC HC STD4

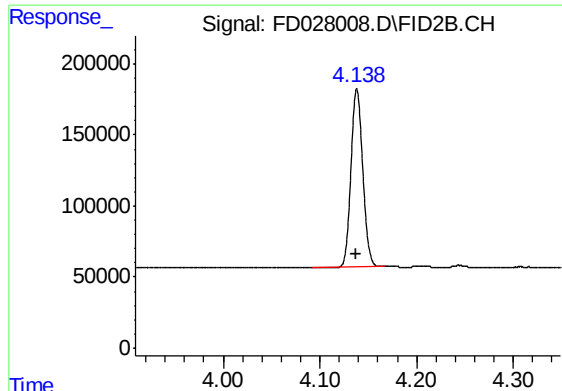
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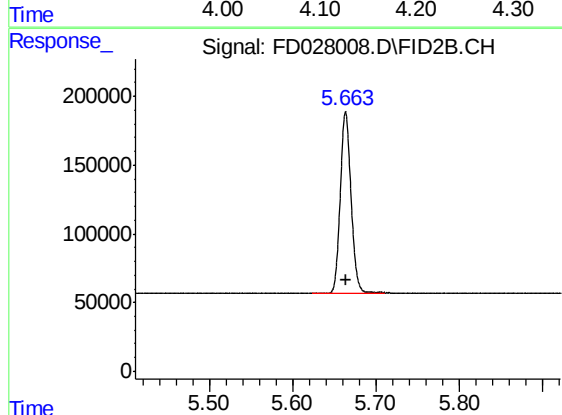
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 1063614
Conc: 10.15 ug/ml

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10 PPM AROMATIC HC STD4

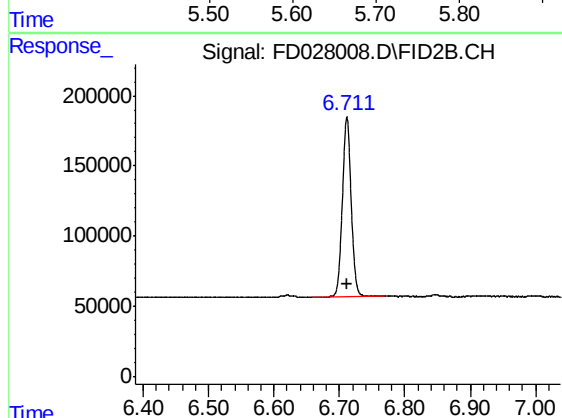
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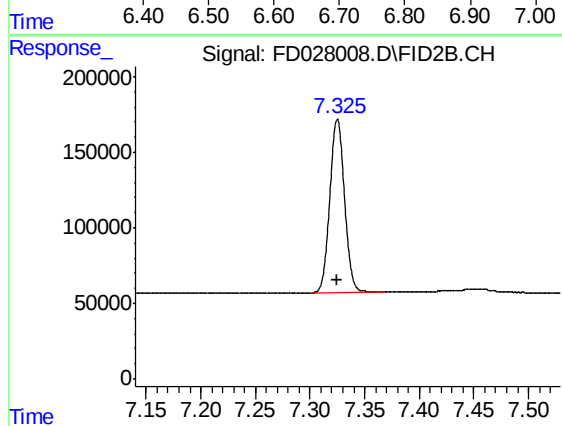
#2 Naphthalene (C11.7)

R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 1174801
Conc: 10.08 ug/ml



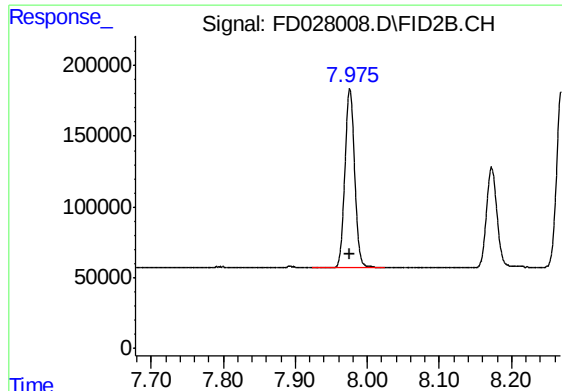
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 1198296
Conc: 10.19 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.325 min
Delta R.T.: 0.000 min
Response: 1072462
Conc: 10.29 ug/ml m



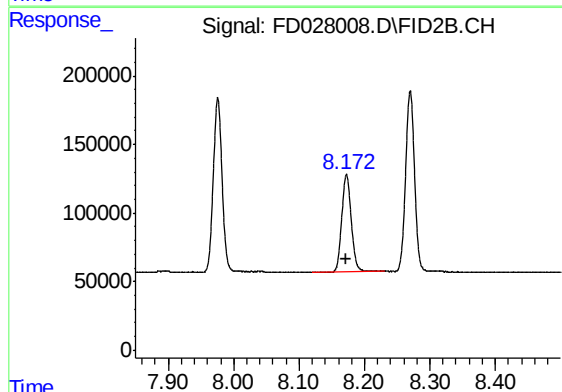
#5 Acenaphthylene (C15.06)

R.T.: 7.976 min
Delta R.T.: 0.000 min
Response: 1178842
Conc: 10.39 ug/ml

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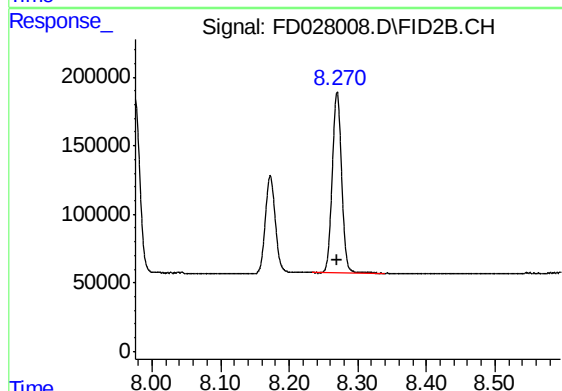
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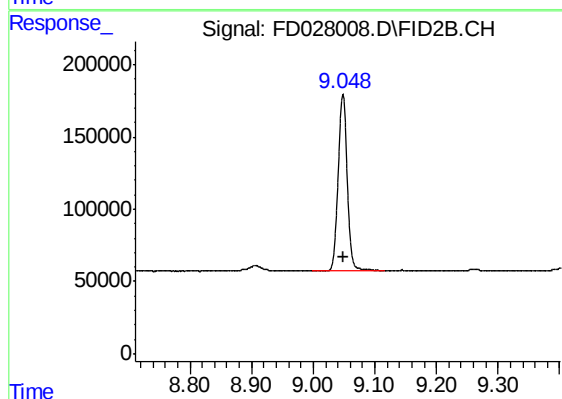
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 715972
Conc: 10.26 ug/ml



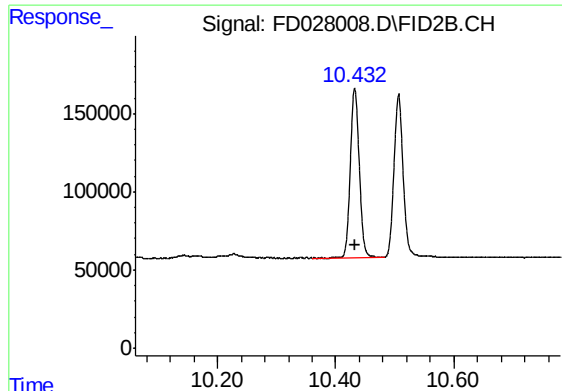
#7 Acenaphthene (C15.5)

R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 1249135
Conc: 10.49 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.048 min
Delta R.T.: 0.000 min
Response: 1242741
Conc: 10.63 ug/ml



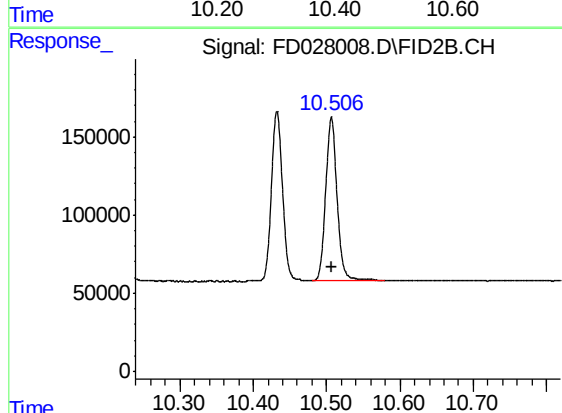
#9 Phenanthrene (C19.36)

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 1136583
Conc: 10.50 ug/ml

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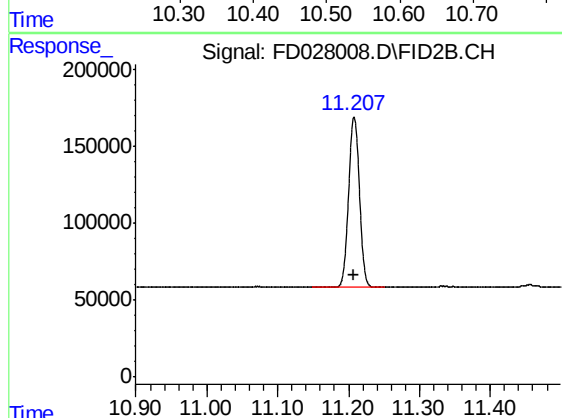
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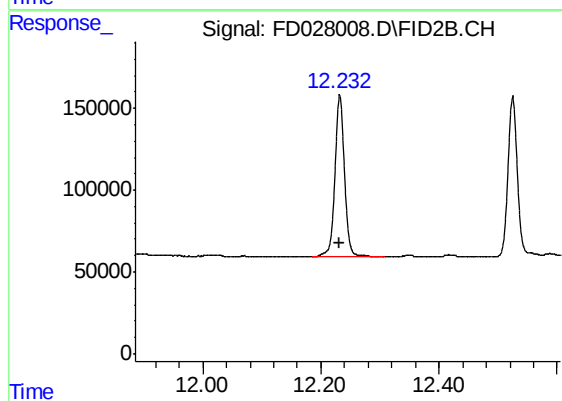
#10 Anthracene (C19.43)

R.T.: 10.507 min
Delta R.T.: 0.000 min
Response: 1121732
Conc: 10.47 ug/ml



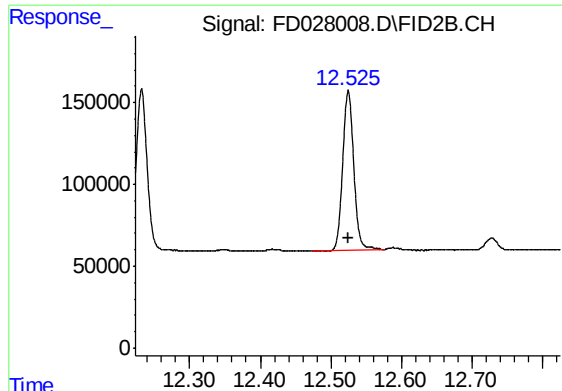
#11 ortho-Terphenyl (SURRE)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 1179843
Conc: 10.68 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.232 min
Delta R.T.: 0.000 min
Response: 1104442
Conc: 10.61 ug/ml



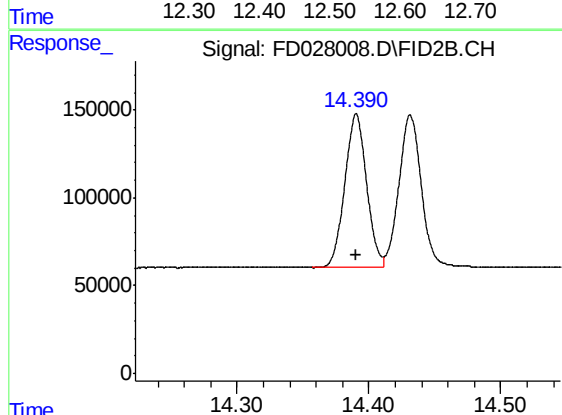
#13 Pyrene (C20.8)

R.T.: 12.525 min
Delta R.T.: 0.000 min
Response: 1053019
Conc: 10.37 ug/ml

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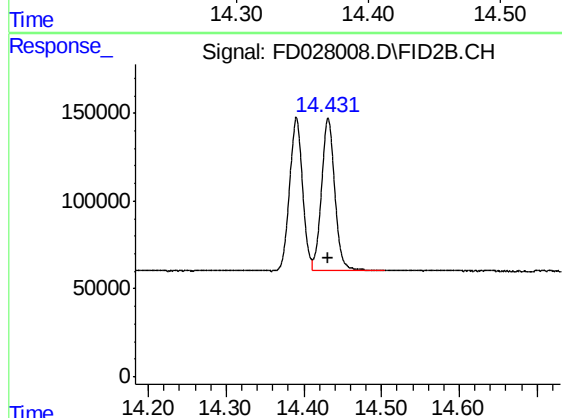
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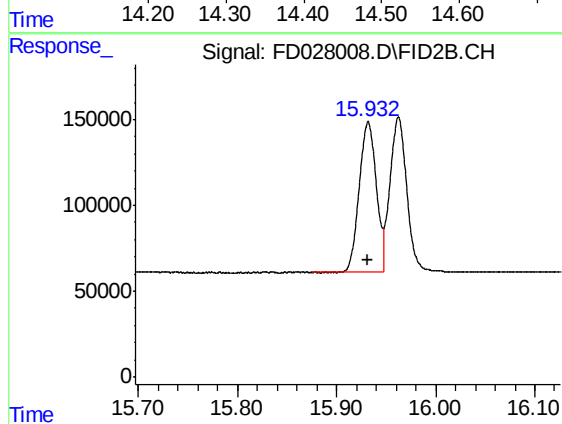
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.390 min
Delta R.T.: 0.000 min
Response: 1006671
Conc: 10.15 ug/ml



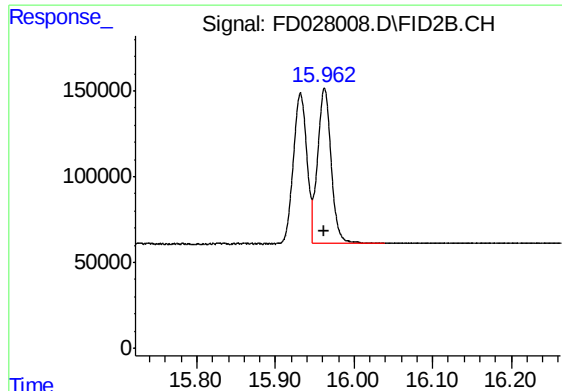
#15 Chrysene (C27.41)

R.T.: 14.431 min
Delta R.T.: 0.000 min
Response: 1032477
Conc: 10.27 ug/ml



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

R.T.: 15.932 min
Delta R.T.: 0.000 min
Response: 1048812
Conc: 10.14 ug/ml



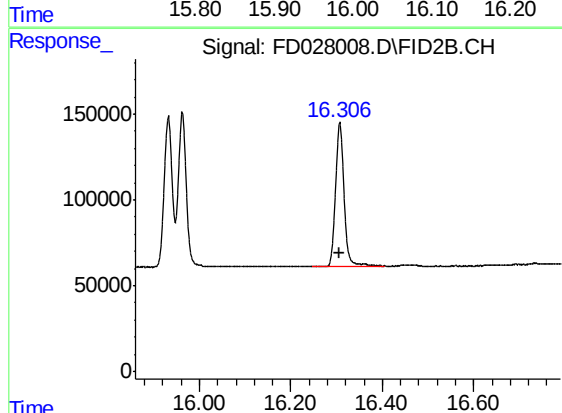
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.963 min
Delta R.T.: 0.000 min
Response: 1085210
Conc: 10.37 ug/ml

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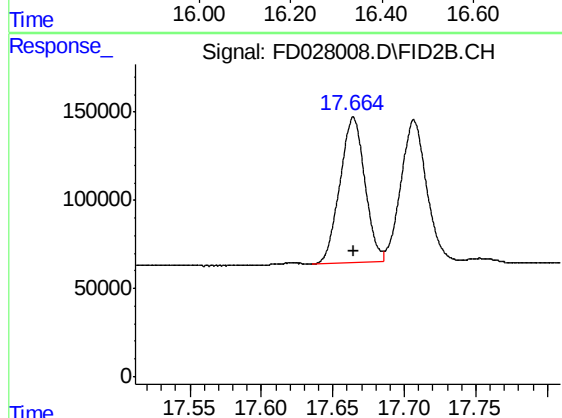
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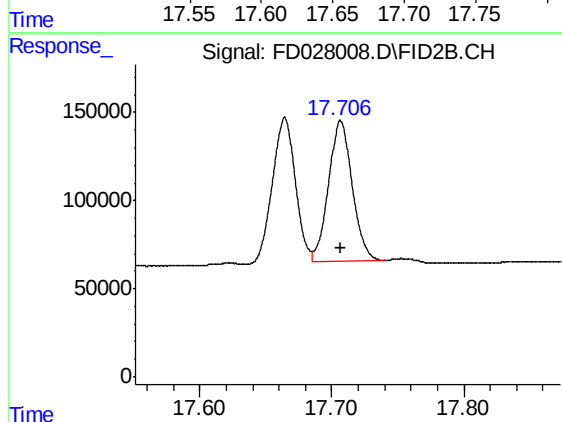
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.307 min
Delta R.T.: 0.000 min
Response: 1074215
Conc: 10.29 ug/ml



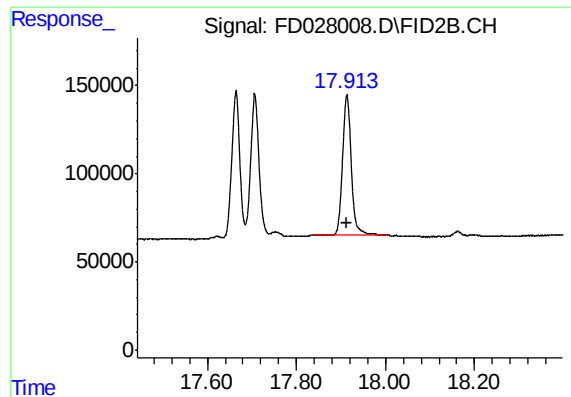
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.664 min
Delta R.T.: 0.000 min
Response: 1004325
Conc: 9.89 ug/ml



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

R.T.: 17.707 min
Delta R.T.: 0.000 min
Response: 997431
Conc: 10.01 ug/ml



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

R.T.: 17.914 min
Delta R.T.: 0.000 min
Response: 1091236
Conc: 10.40 ug/ml

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