

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022819AR\
 Data File : FD028007.D
 Signal(s) : FID2B.CH
 Acq On : 28 Feb 2019 18:10
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Manual Integrations
 APPROVED

Sohil
 3/1/2019 12:21:05 PM

Integration File: autoint1.e
 Quant Time: Mar 01 03:47:05 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...	7.326	1899952	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.173	1278706	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.209	2111363	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.138	1964582	20.000 ug/ml
2) T Naphthalene (C11.7)	5.663	2160415	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.712	2146153	20.000 ug/ml
5) T Acenaphthylene (C15.06)	7.976	2086421	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.271	2194155	20.000 ug/ml
8) T Fluorene (C16.55)	9.048	2186937	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.434	2095591	20.000 ug/ml
10) T Anthracene (C19.43)	10.508	2087809	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.235	2085328	20.000 ug/ml
13) T Pyrene (C20.8)	12.527	2033161	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.393	2000453	20.000 ug/ml
15) T Chrysene (C27.41)	14.433	2030024	20.000 ug/ml
16) T benzo[b]fluoranthene ...	15.935	2084390	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	15.967	2125883	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.309	2110962	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.669	2029948	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.711	2020603	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	17.921	2129715	20.000 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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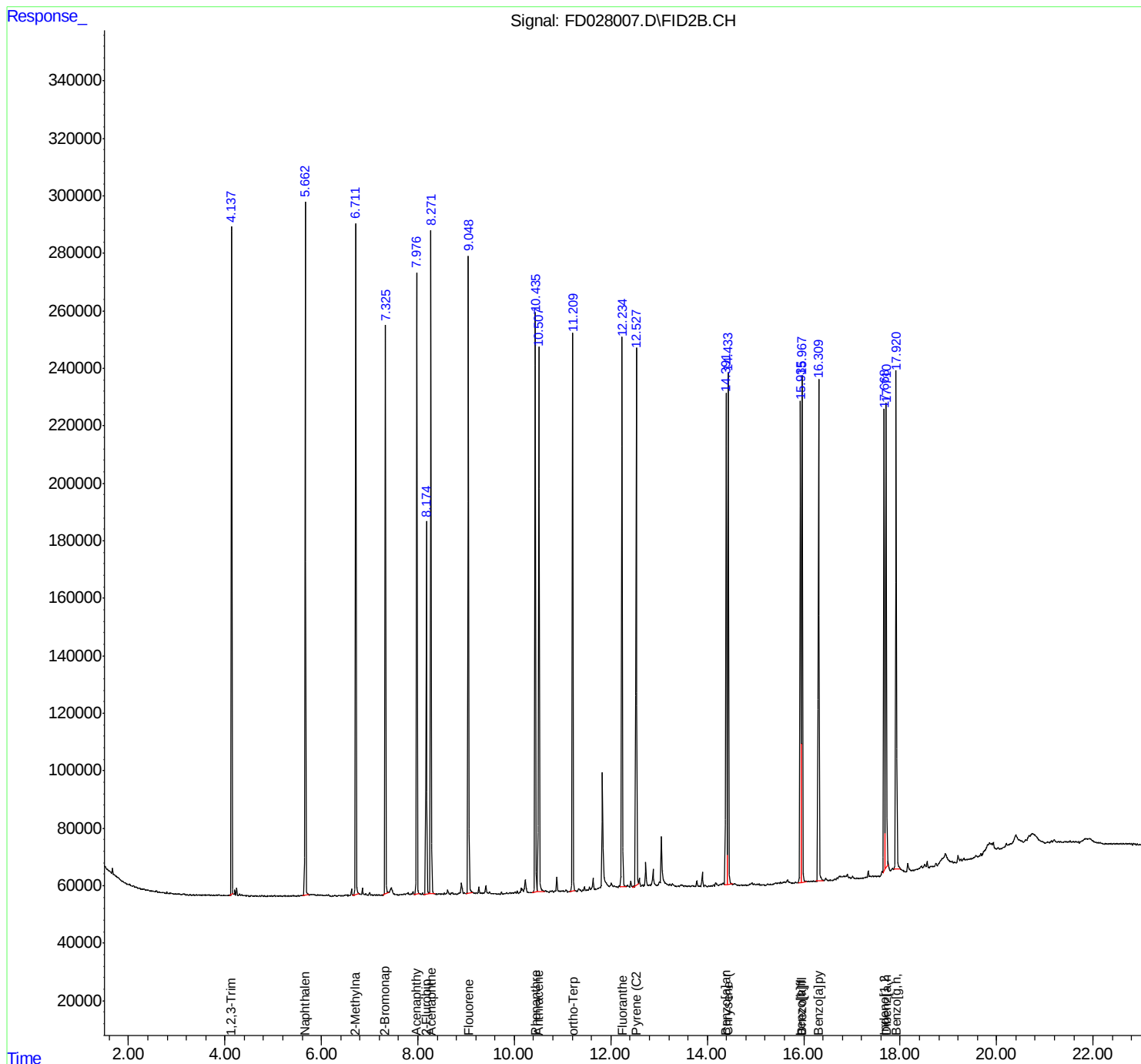
Instrument :
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20 PPM AROMATIC HC STD3

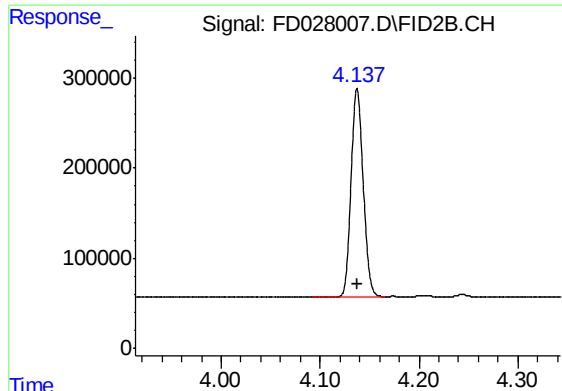
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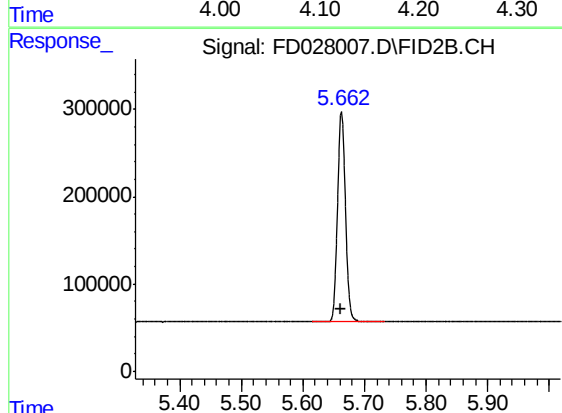
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 1964582
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3

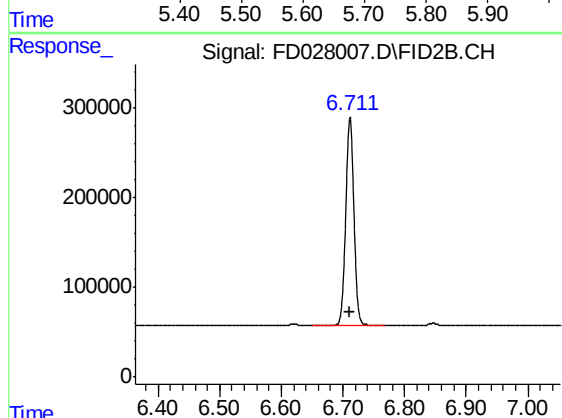
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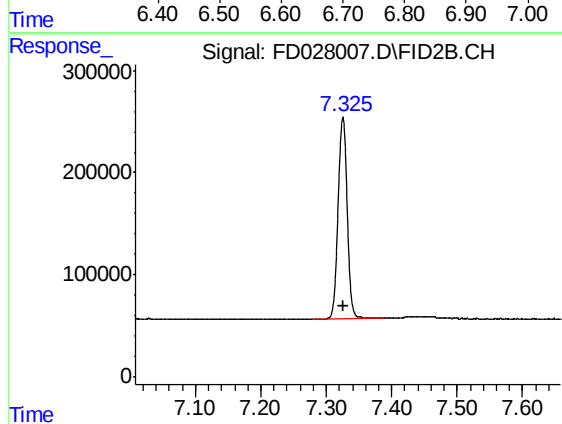
#2 Naphthalene (C11.7)

R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 2160415
Conc: 20.00 ug/ml



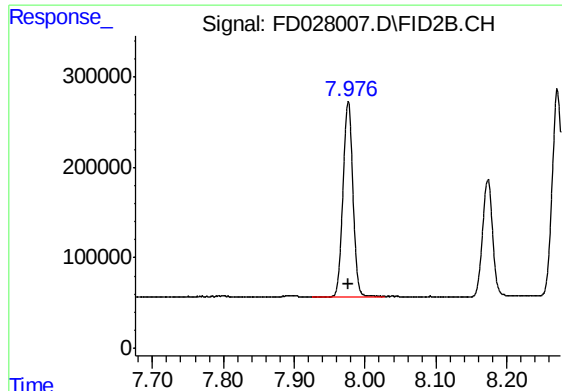
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 2146153
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 1899952
Conc: 20.00 ug/ml



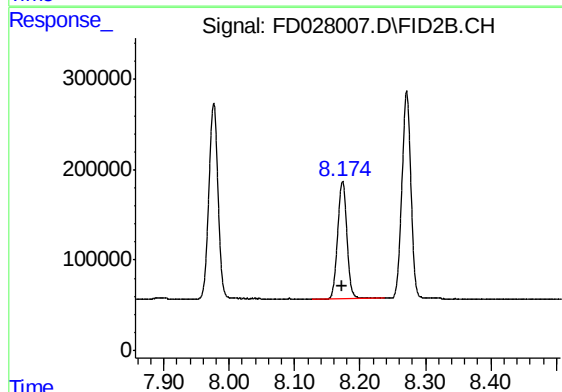
#5 Acenaphthylene (C15.06)

R.T.: 7.976 min
Delta R.T.: 0.000 min
Response: 2086421
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD3

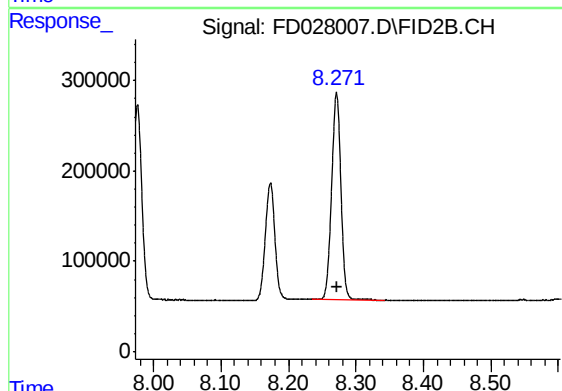
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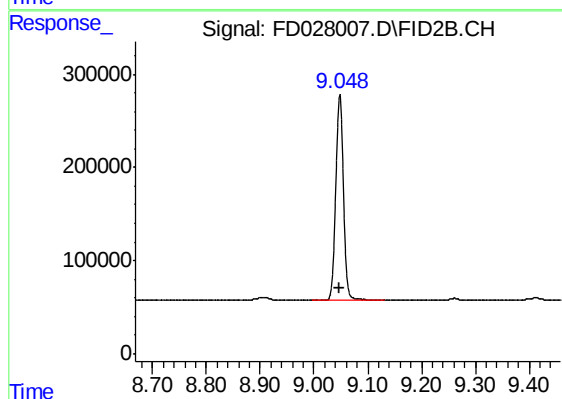
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.173 min
Delta R.T.: 0.000 min
Response: 1278706
Conc: 20.00 ug/ml



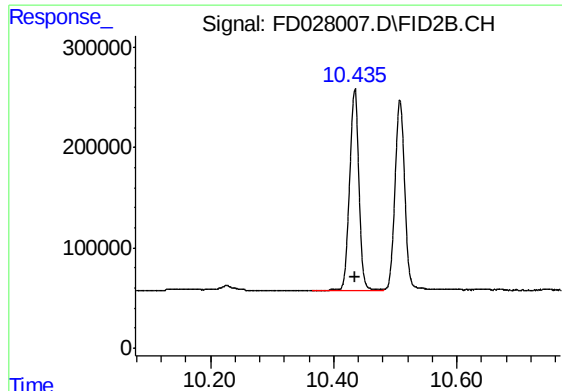
#7 Acenaphthene (C15.5)

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 2194155
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.048 min
Delta R.T.: 0.000 min
Response: 2186937
Conc: 20.00 ug/ml



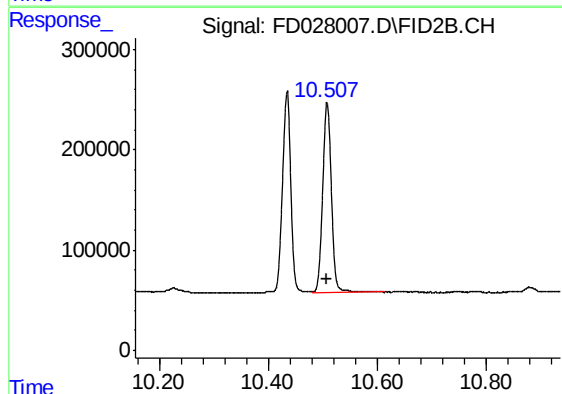
#9 Phenanthrene (C19.36)

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 2095591
Conc: 20.00 ug/ml

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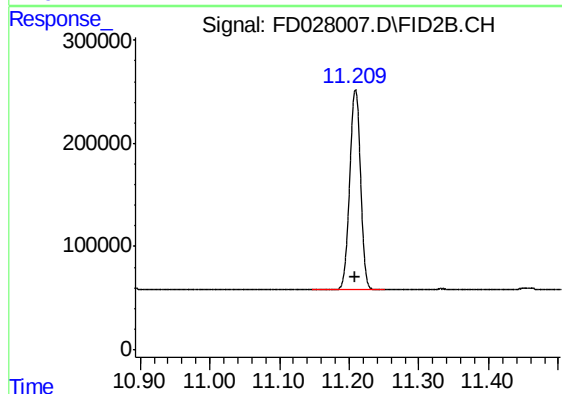
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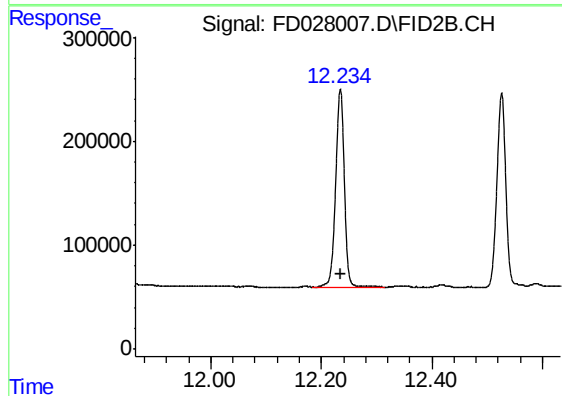
#10 Anthracene (C19.43)

R.T.: 10.508 min
Delta R.T.: 0.000 min
Response: 2087809
Conc: 20.00 ug/ml



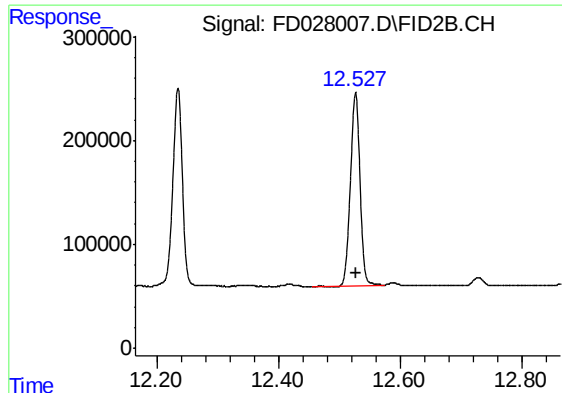
#11 ortho-Terphenyl (SURR)

R.T.: 11.209 min
Delta R.T.: 0.000 min
Response: 2111363
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.235 min
Delta R.T.: 0.000 min
Response: 2085328
Conc: 20.00 ug/ml



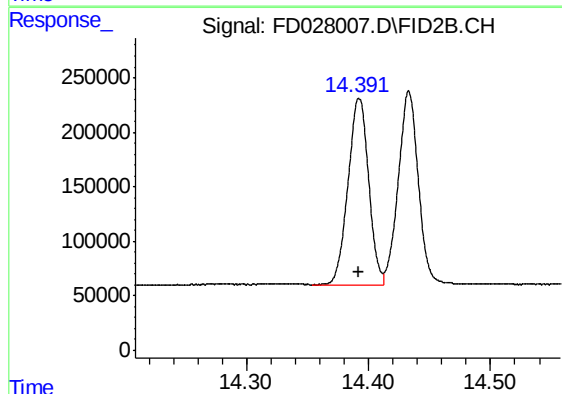
#13 Pyrene (C20.8)

R.T.: 12.527 min
Delta R.T.: 0.000 min
Response: 2033161
Conc: 20.00 ug/ml

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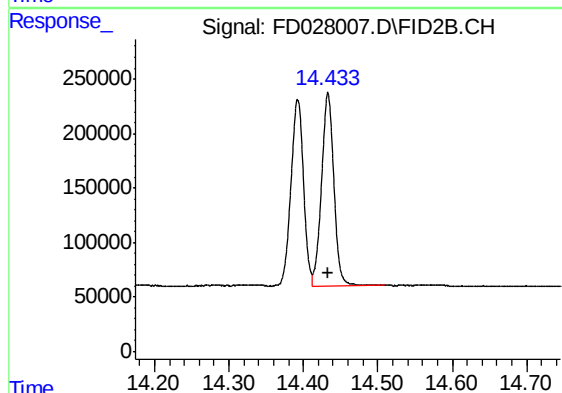
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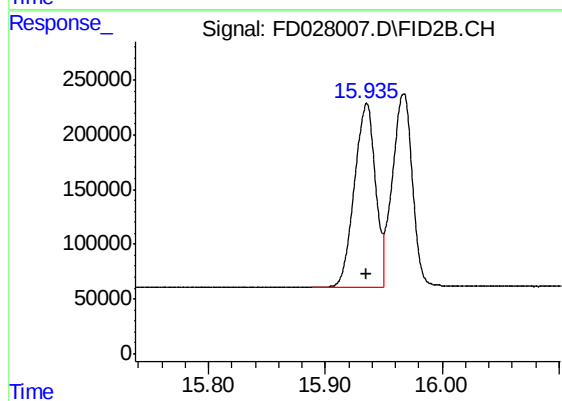
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.393 min
Delta R.T.: 0.000 min
Response: 2000453
Conc: 20.00 ug/ml



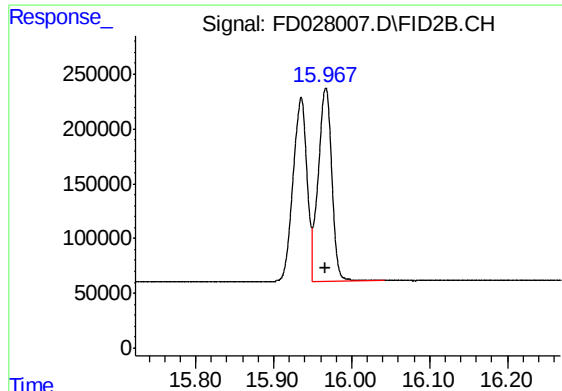
#15 Chrysene (C27.41)

R.T.: 14.433 min
Delta R.T.: 0.000 min
Response: 2030024
Conc: 20.00 ug/ml



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

R.T.: 15.935 min
Delta R.T.: 0.000 min
Response: 2084390
Conc: 20.00 ug/ml



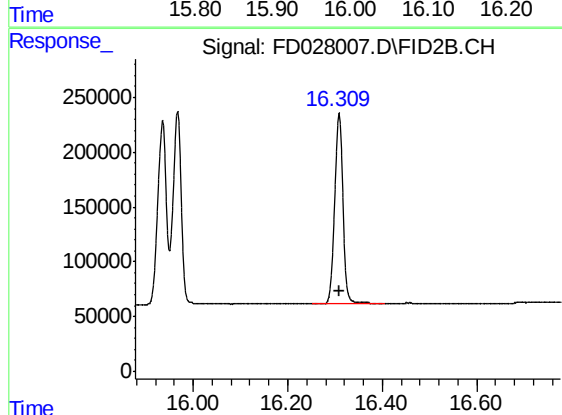
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.967 min
Delta R.T.: 0.000 min
Response: 2125883
Conc: 20.00 ug/ml

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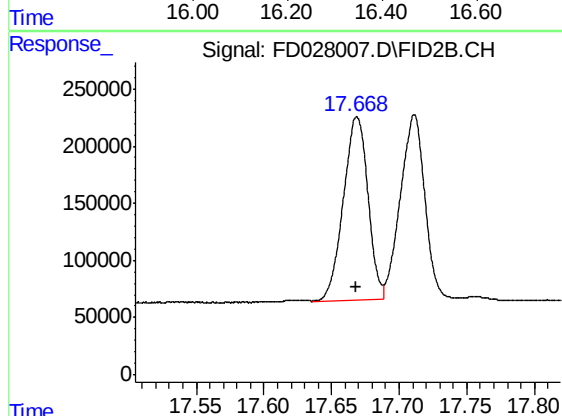
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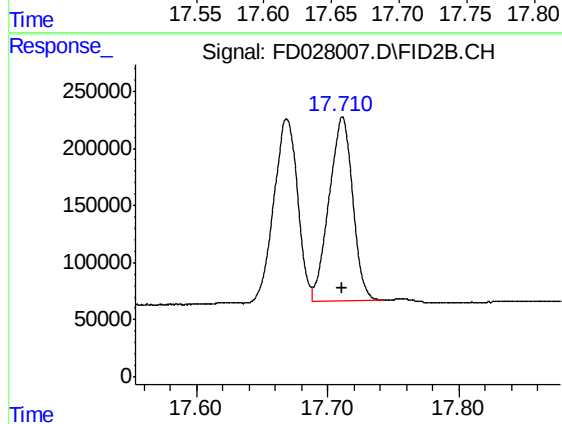
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.309 min
Delta R.T.: 0.000 min
Response: 2110962
Conc: 20.00 ug/ml



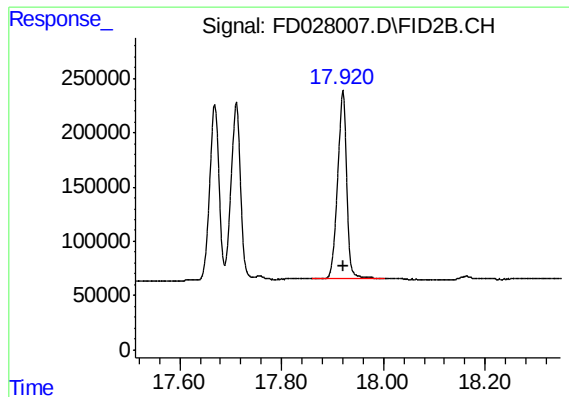
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.669 min
Delta R.T.: 0.000 min
Response: 2029948
Conc: 20.00 ug/ml



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

R.T.: 17.711 min
Delta R.T.: 0.000 min
Response: 2020603
Conc: 20.00 ug/ml



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

R.T.: 17.921 min
Delta R.T.: 0.000 min
Response: 2129715
Conc: 20.00 ug/ml

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