

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041323AR\
 Data File : FD045479.D
 Signal(s) : FID2B.ch
 Acq On : 13 Apr 2023 09:11
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 14 02:21:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 2023
 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...	7.545	2811646	20.522 ug/ml
Spiked Amount 50.000		Recovery =	41.04%
6) S 2-Fluorobiphenyl (SURR)	8.399	1821793	20.322 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.64%
11) S ortho-Terphenyl (SURR)	11.440	3512727	20.190 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.355	3247646	20.847 ug/ml
2) T Naphthalene (C11.7)	5.885	3316965	20.640 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	3284812	20.520 ug/ml
5) T Acenaphthylene (C15.06)	8.204	2958139	20.204 ug/ml
7) T Acenaphthene (C15.5)	8.499	3164403	20.402 ug/ml
8) T Fluorene (C16.55)	9.277	3001429	20.241 ug/ml
9) T Phenanthrene (C19.36)	10.668	2885188	19.918 ug/ml
10) T Anthracene (C19.43)	10.742	2693525	19.487 ug/ml
12) T Fluoranthene (C21.85)	12.472	2852695	19.828 ug/ml
13) T Pyrene (C20.8)	12.768	2823768	20.084 ug/ml
14) T Benzo[a]anthracene (C...	14.632	2482822	19.360 ug/ml
15) T Chrysene (C27.41)	14.673	2561707	19.319 ug/ml
16) T benzo[b]fluoranthene ...	16.174	2553157	19.654 ug/ml
17) T Bnezo[k]fluoranthene ...	16.205	2485813	19.627 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.548	2416344	19.219 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.904	2052804	17.344 ug/ml
20) T Dibenz[a,h]anthracene...	17.946	1913446	16.061 ug/ml
21) T Benzo[g,h,i]perylene ...	18.158	2321161	18.583 ug/ml

(f)=RT Delta > 1/2 Window

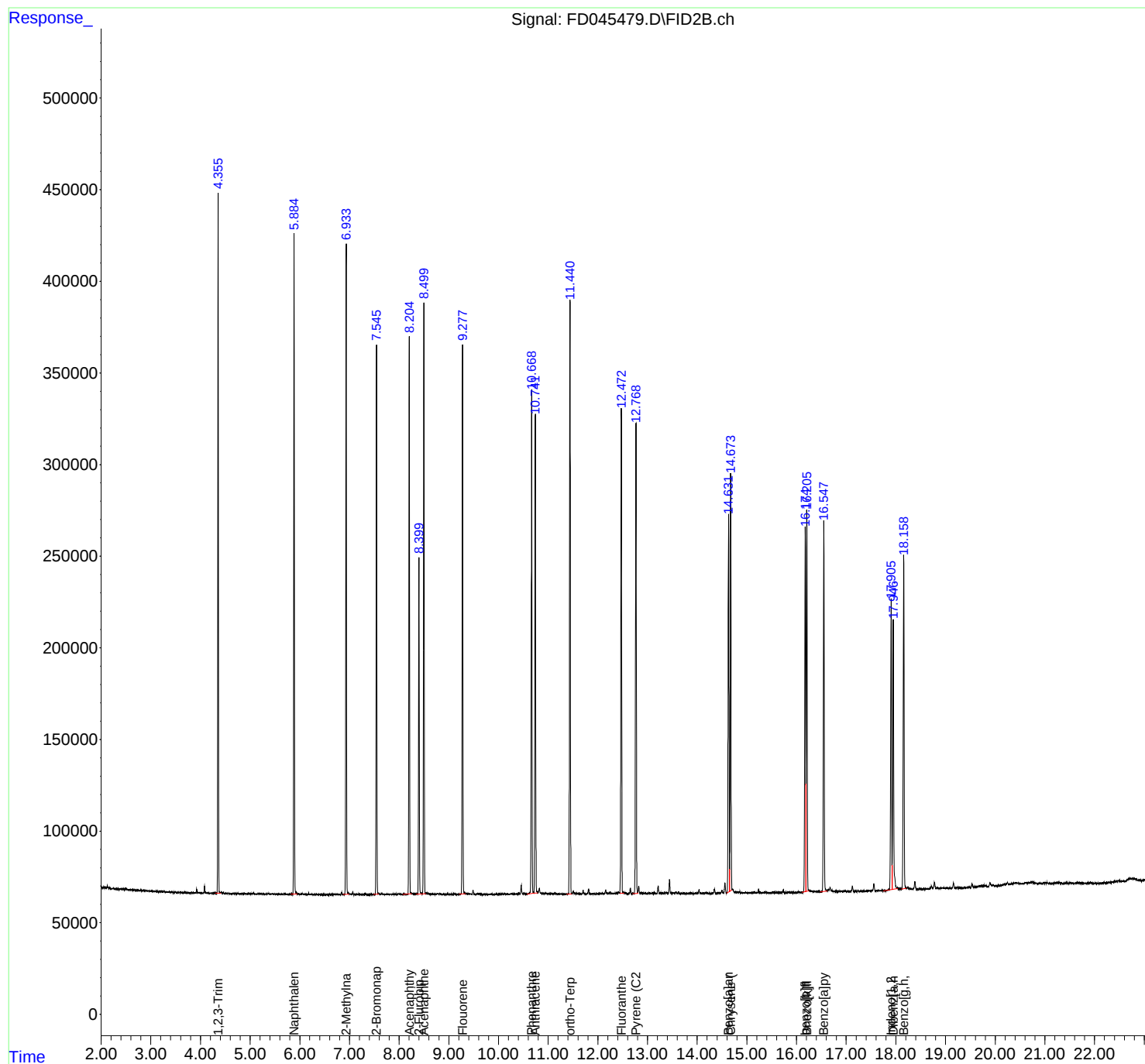
(m)=manual int.

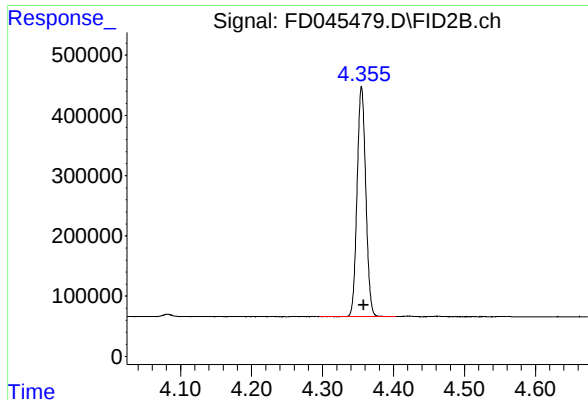
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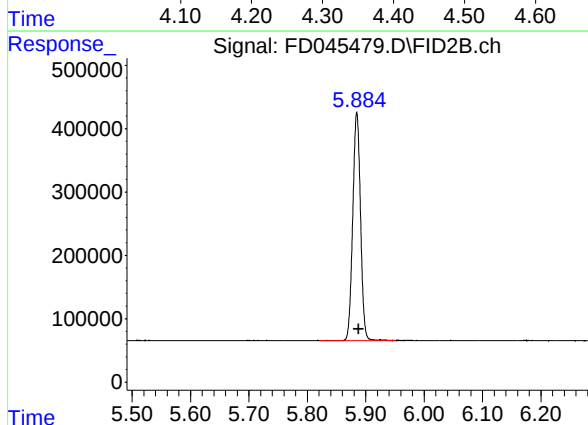




#1 1,2,3-Trimethylbenzene (C10.1)

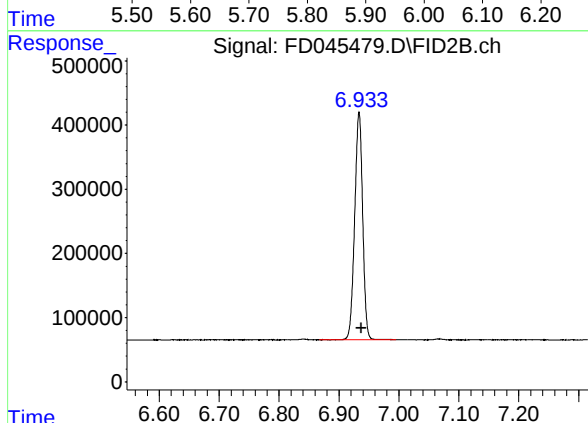
R.T.: 4.355 min
Delta R.T.: -0.003 min
Response: 3247646
Conc: 20.85 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



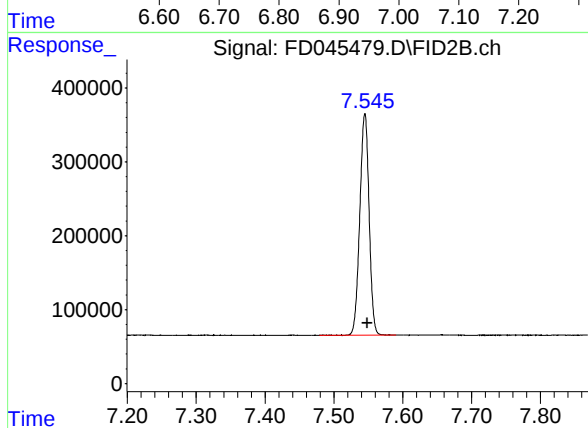
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.004 min
Response: 3316965
Conc: 20.64 ug/ml



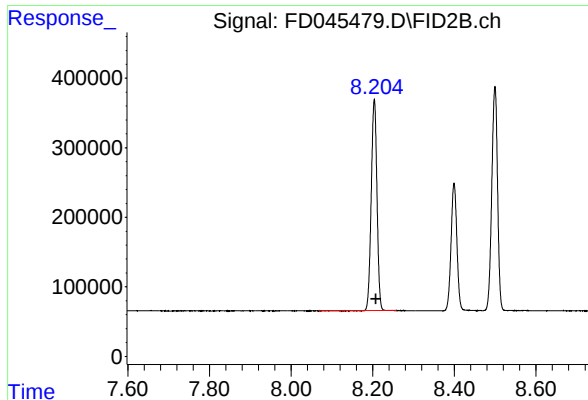
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: -0.004 min
Response: 3284812
Conc: 20.52 ug/ml



#4 2-Bromonaphthalene (SURR)

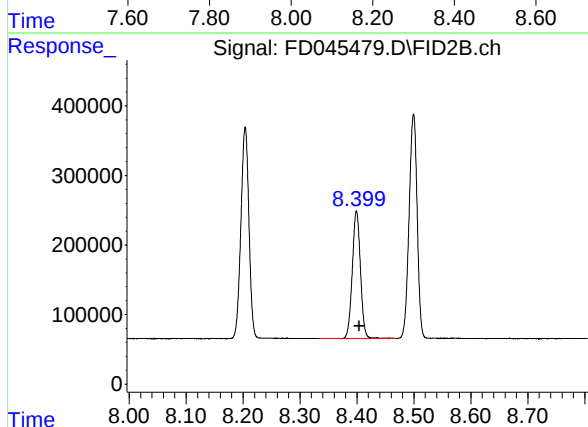
R.T.: 7.545 min
Delta R.T.: -0.004 min
Response: 2811646
Conc: 20.52 ug/ml



#5 Acenaphthylene (C15.06)

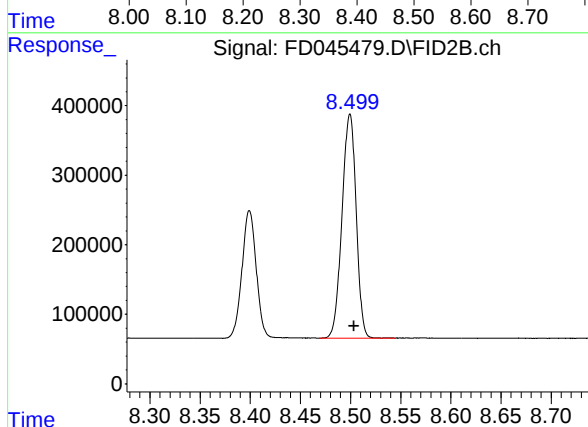
R.T.: 8.204 min
Delta R.T.: -0.005 min
Response: 2958139
Conc: 20.20 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



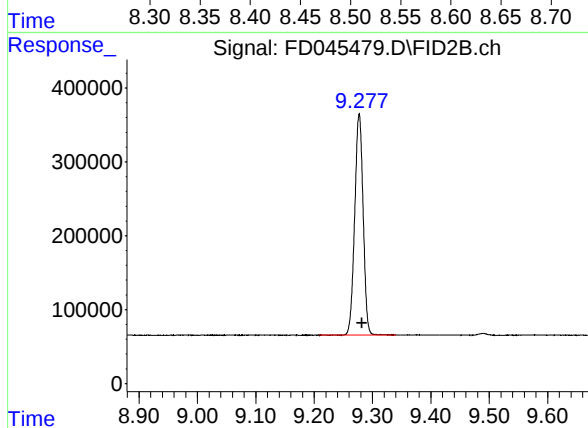
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.399 min
Delta R.T.: -0.005 min
Response: 1821793
Conc: 20.32 ug/ml



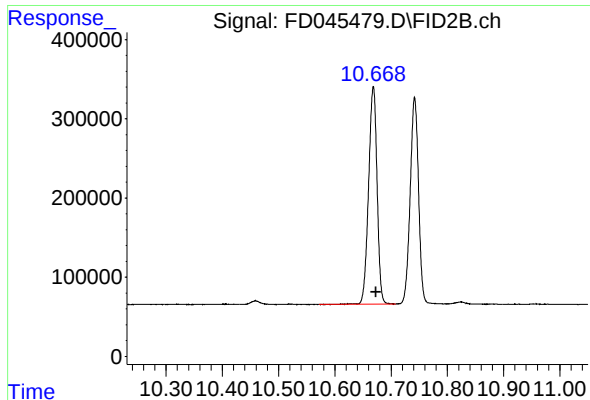
#7 Acenaphthene (C15.5)

R.T.: 8.499 min
Delta R.T.: -0.004 min
Response: 3164403
Conc: 20.40 ug/ml



#8 Flouorene (C16.55)

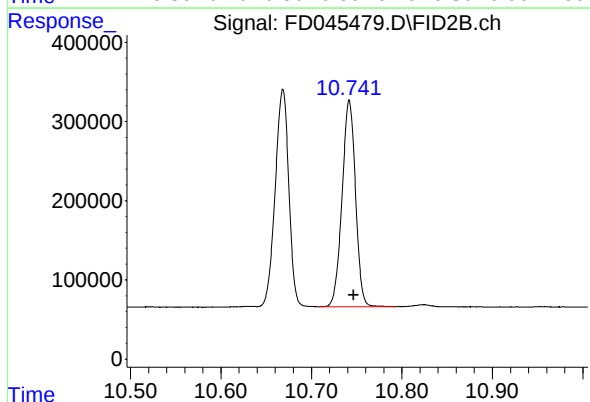
R.T.: 9.277 min
Delta R.T.: -0.005 min
Response: 3001429
Conc: 20.24 ug/ml



#9 Phenanthrene (C19.36)

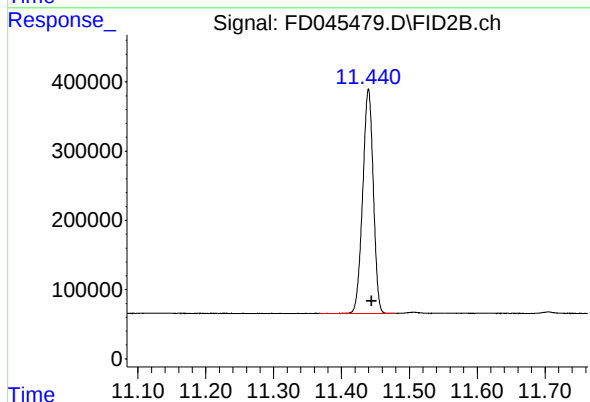
R.T.: 10.668 min
Delta R.T.: -0.005 min
Response: 2885188
Conc: 19.92 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



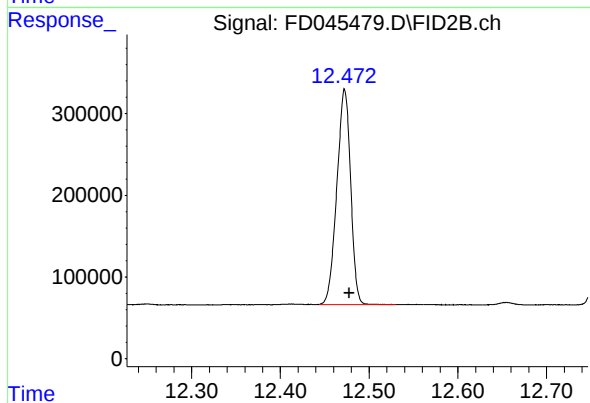
#10 Anthracene (C19.43)

R.T.: 10.742 min
Delta R.T.: -0.005 min
Response: 2693525
Conc: 19.49 ug/ml



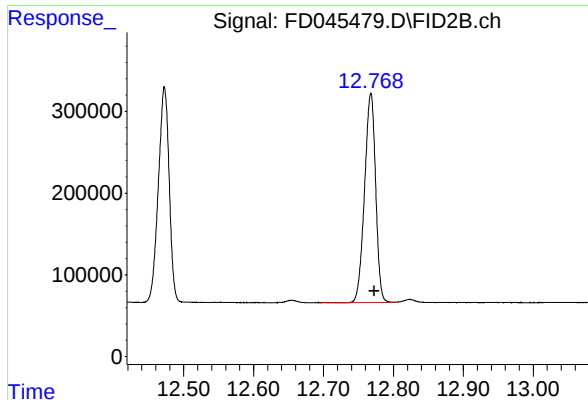
#11 ortho-Terphenyl (SURRE)

R.T.: 11.440 min
Delta R.T.: -0.005 min
Response: 3512727
Conc: 20.19 ug/ml



#12 Fluoranthene (C21.85)

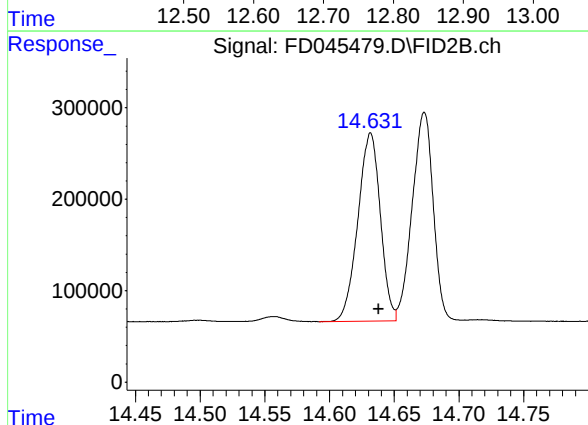
R.T.: 12.472 min
Delta R.T.: -0.006 min
Response: 2852695
Conc: 19.83 ug/ml



#13 Pyrene (C20.8)

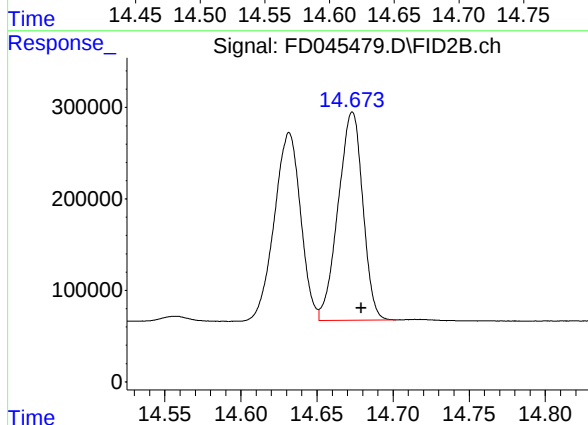
R.T.: 12.768 min
Delta R.T.: -0.005 min
Response: 2823768
Conc: 20.08 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



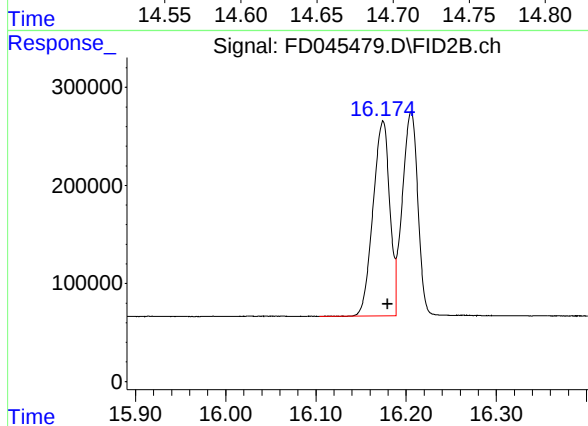
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.632 min
Delta R.T.: -0.006 min
Response: 2482822
Conc: 19.36 ug/ml



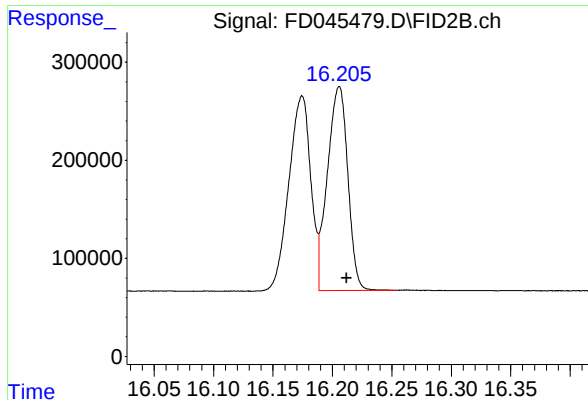
#15 Chrysene (C27.41)

R.T.: 14.673 min
Delta R.T.: -0.006 min
Response: 2561707
Conc: 19.32 ug/ml



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

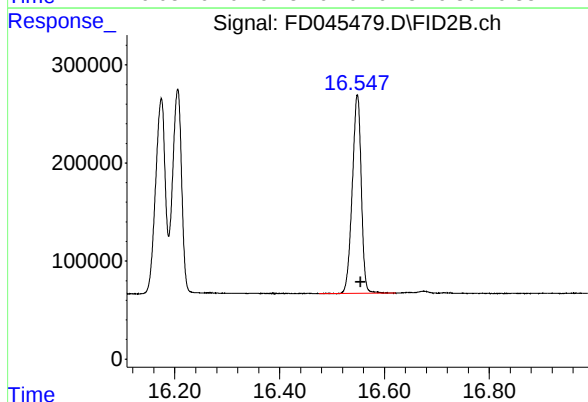
R.T.: 16.174 min
Delta R.T.: -0.006 min
Response: 2553157
Conc: 19.65 ug/ml



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

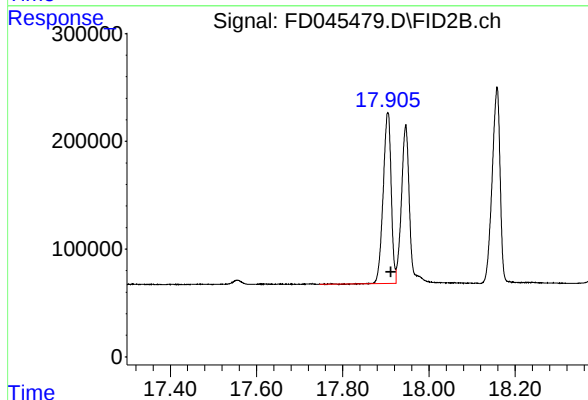
R.T.: 16.205 min
Delta R.T.: -0.006 min
Response: 2485813
Conc: 19.63 ug/ml

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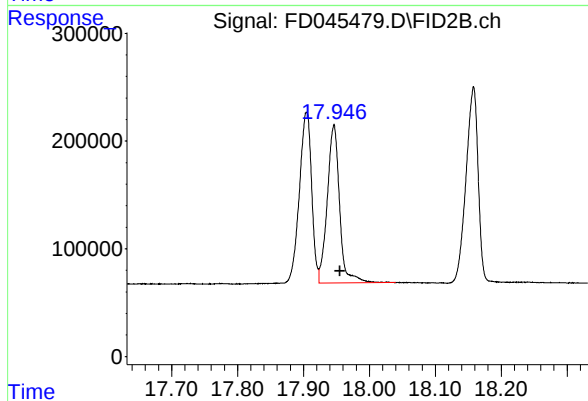
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.548 min
Delta R.T.: -0.007 min
Response: 2416344
Conc: 19.22 ug/ml



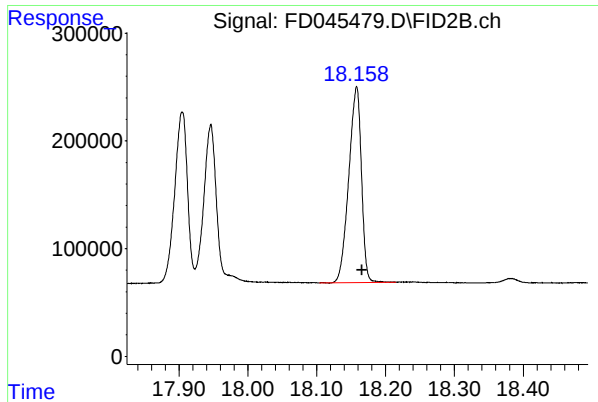
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.904 min
Delta R.T.: -0.007 min
Response: 2052804
Conc: 17.34 ug/ml



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

R.T.: 17.946 min
Delta R.T.: -0.009 min
Response: 1913446
Conc: 16.06 ug/ml



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

R.T.: 18.158 min
Delta R.T.: -0.008 min
Response: 2321161
Conc: 18.58 ug/ml

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