

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072518\
 Data File : FD025213.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jul 2018 12:09
 Operator : AJ\SJ
 Sample : DIESEL FUEL OIL #2
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 28 05:13:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 2018
 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...	7.452	718745	9.311 ug/ml
Spiked Amount 50.000		Recovery =	18.62%
6) S 2-Fluorobiphenyl (SURR)	8.300	1124495	20.913 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.83%
11) S ortho-Terphenyl (SURR)	11.335	1700287	20.036 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.246	289527	3.707 ug/ml
2) T Naphthalene (C11.7)	5.783	382928	4.445 ug/ml
3) T 2-Methylnaphthalene (...)	6.839	4338403	50.458 ug/ml
5) T Acenaphthylene (C15.06)	8.110	1270499	14.958 ug/ml
7) T Acenaphthene (C15.5)	8.387	2232998	25.079 ug/ml
8) T Flouorene (C16.55)	9.179	599193	6.728 ug/ml
9) T Phenanthrene (C19.36)	10.572	1412516	15.771 ug/ml
10) T Anthracene (C19.43)	10.669	1841946	20.917 ug/ml
12) T Fluoranthene (C21.85)	12.348	1583905	18.028 ug/ml
13) T Pyrene (C20.8)	12.671	127562	1.452 ug/ml
14) T Benzo[a]anthracene (C...	14.474f	728204	8.731 ug/ml
15) T Chrysene (C27.41)	14.634f	135631	1.610 ug/ml
16) T benzo[b]fluoranthene ...	16.131	145456	1.617 ug/ml
17) T Bnezo[k]fluoranthene ...	16.131	145456	1.616 ug/ml
20) T Dibenz[a,h]anthracene...	17.900	302804	3.309 ug/ml

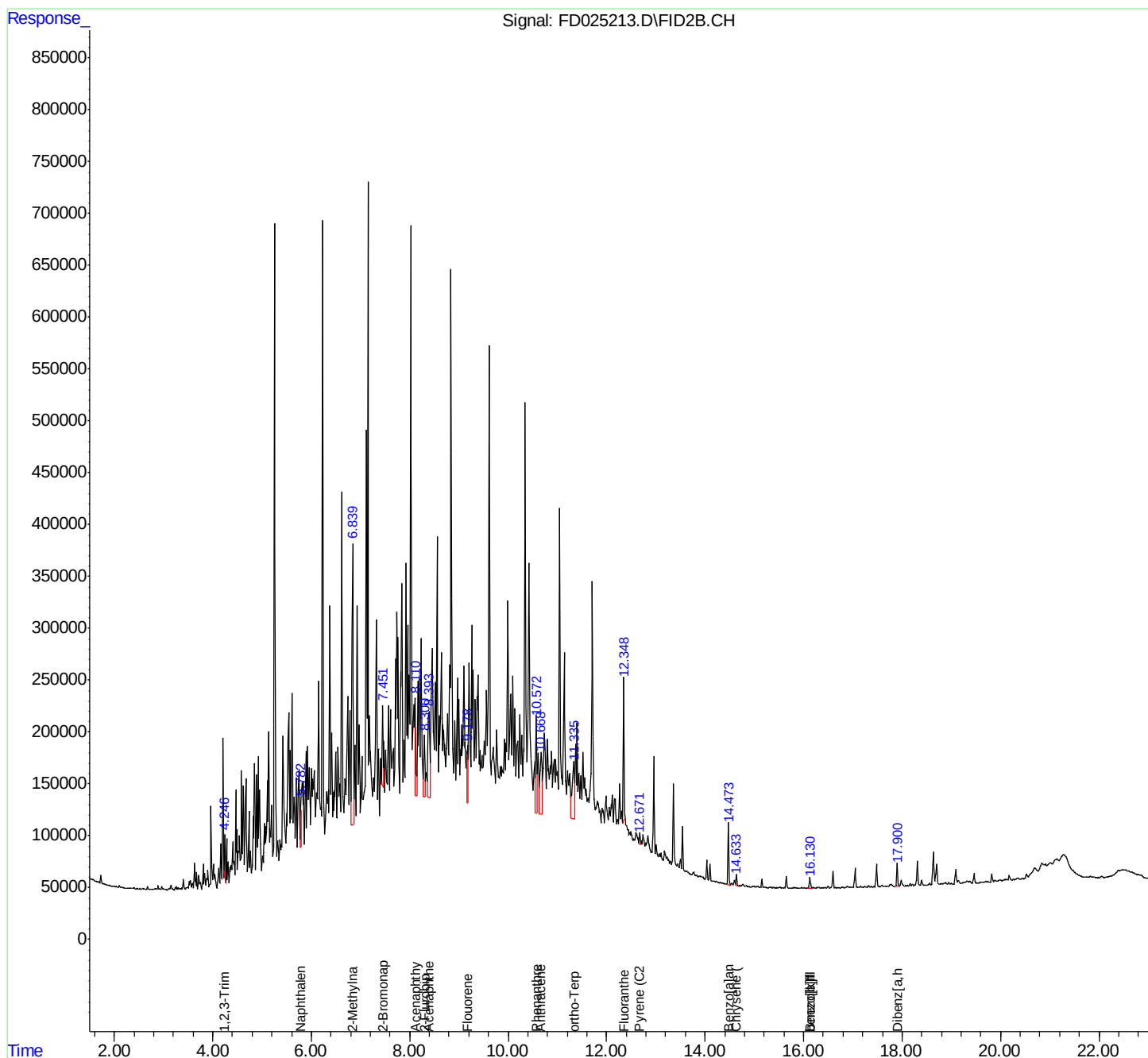
(f)=RT Delta > 1/2 Window

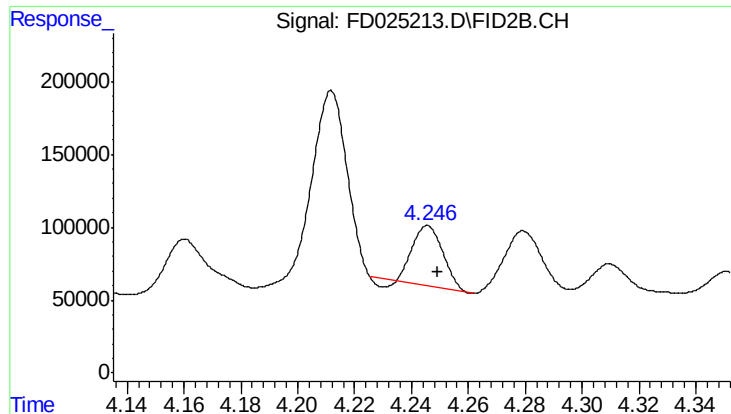
(m)=manual int.

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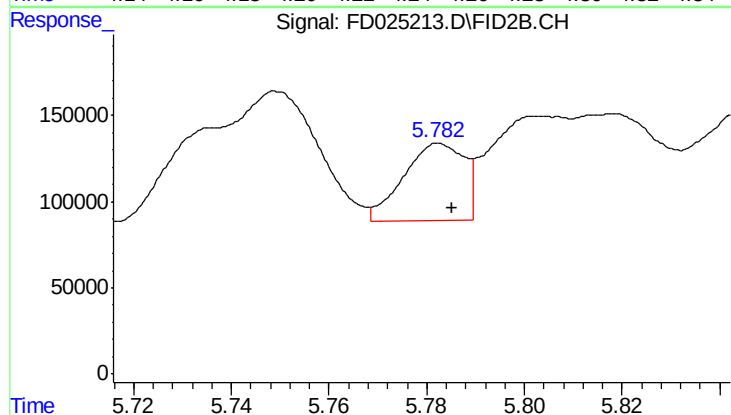
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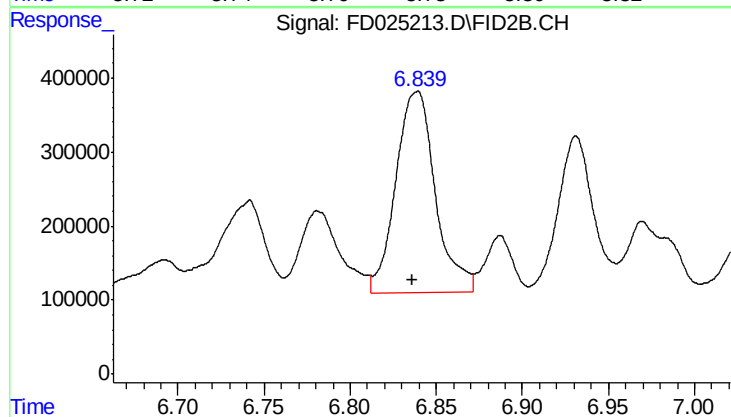
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.246 min
Delta R.T.: -0.004 min
Response: 289527
Conc: 3.71 ug/ml



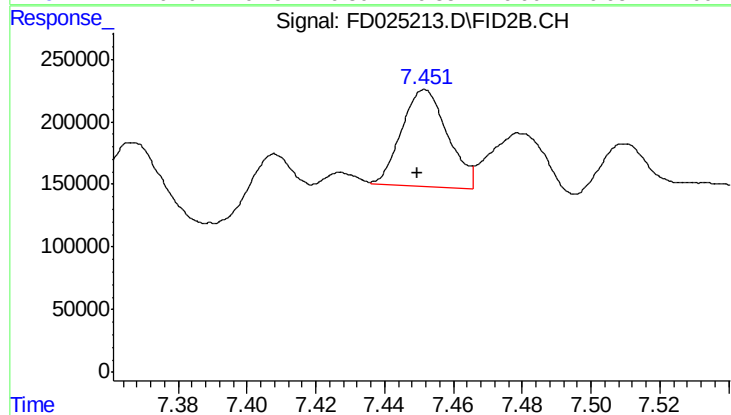
#2 Naphthalene (C11.7)

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 382928
Conc: 4.44 ug/ml



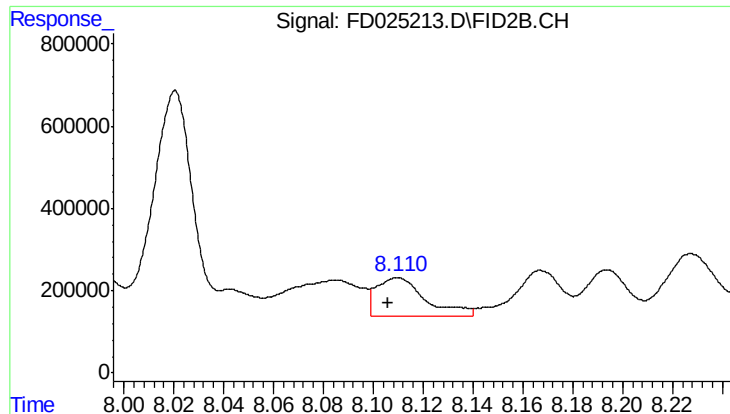
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.839 min
Delta R.T.: 0.003 min
Response: 4338403
Conc: 50.46 ug/ml



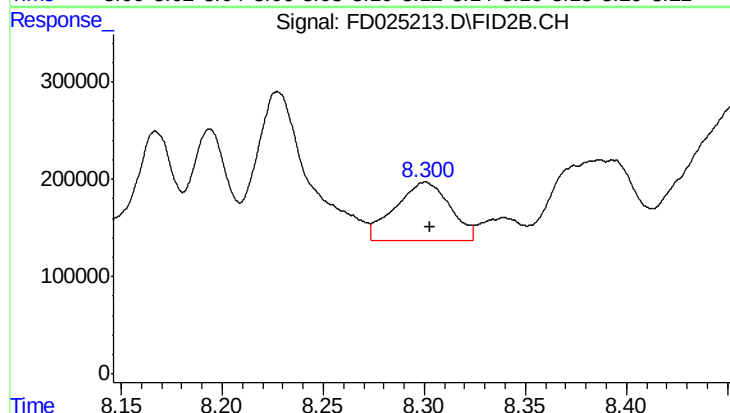
#4 2-Bromonaphthalene (SURR)

R.T.: 7.452 min
Delta R.T.: 0.002 min
Response: 718745
Conc: 9.31 ug/ml



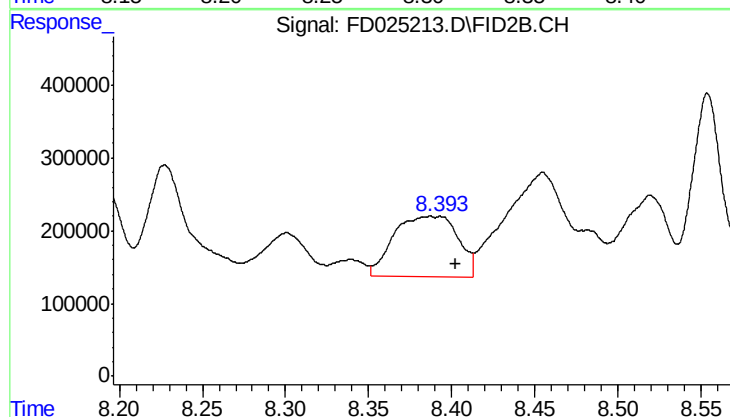
#5 Acenaphthylene (C15.06)

R.T.: 8.110 min
Delta R.T.: 0.004 min
Response: 1270499
Conc: 14.96 ug/ml



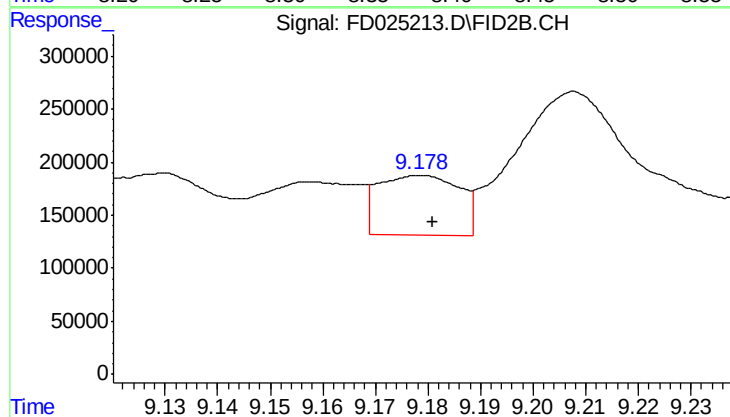
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.300 min
Delta R.T.: -0.002 min
Response: 1124495
Conc: 20.91 ug/ml



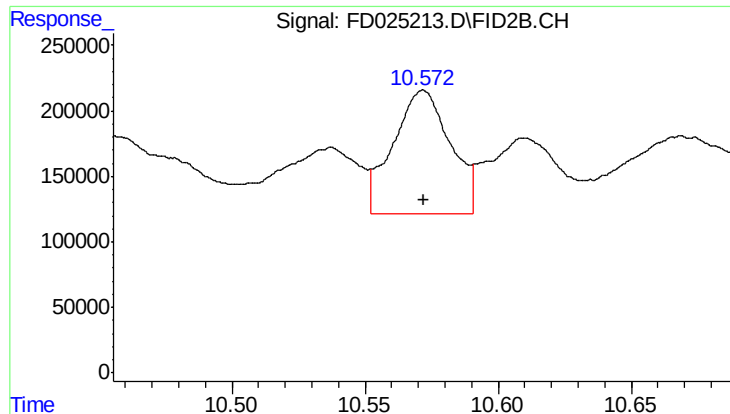
#7 Acenaphthene (C15.5)

R.T.: 8.387 min
Delta R.T.: -0.015 min
Response: 2232998
Conc: 25.08 ug/ml



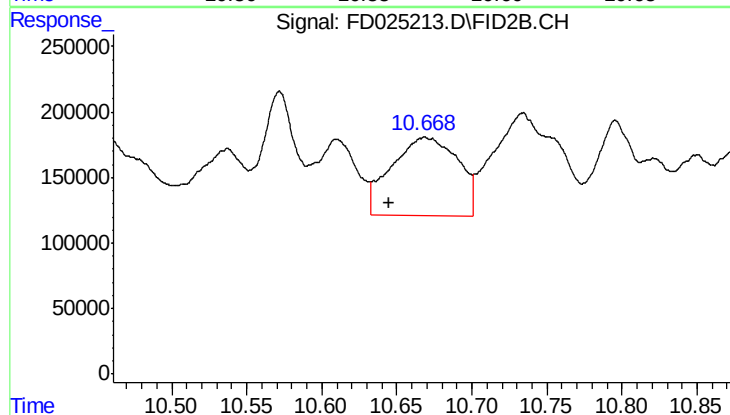
#8 Fluorene (C16.55)

R.T.: 9.179 min
Delta R.T.: -0.002 min
Response: 599193
Conc: 6.73 ug/ml



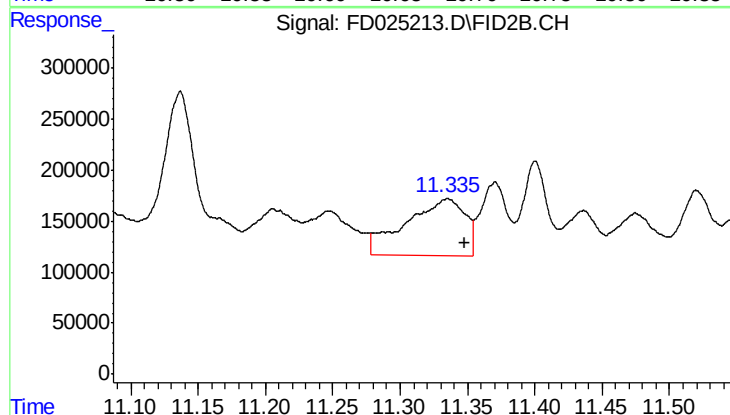
#9 Phenanthrene (C19.36)

R.T.: 10.572 min
Delta R.T.: 0.000 min
Response: 1412516
Conc: 15.77 ug/ml



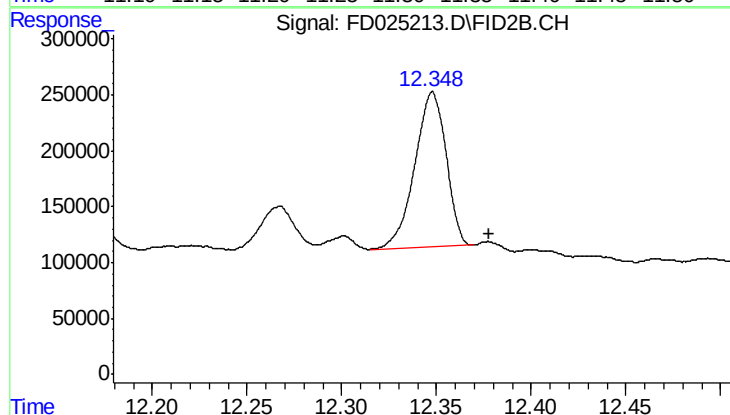
#10 Anthracene (C19.43)

R.T.: 10.669 min
Delta R.T.: 0.024 min
Response: 1841946
Conc: 20.92 ug/ml



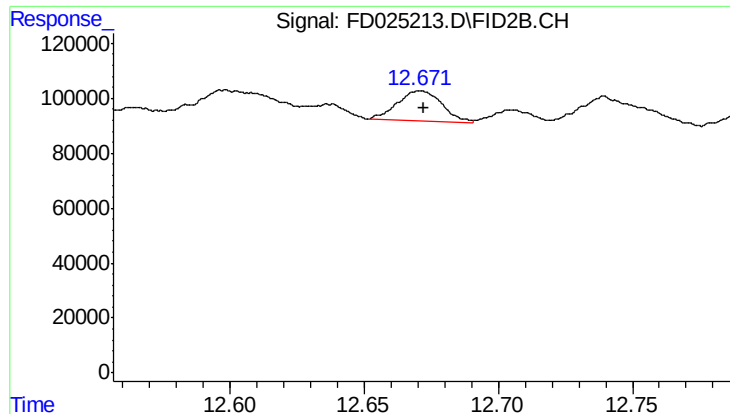
#11 ortho-Terphenyl (SURR)

R.T.: 11.335 min
Delta R.T.: -0.013 min
Response: 1700287
Conc: 20.04 ug/ml



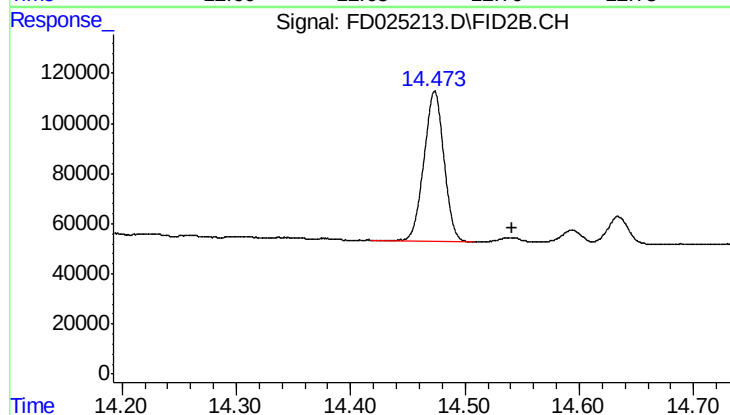
#12 Fluoranthene (C21.85)

R.T.: 12.348 min
Delta R.T.: -0.030 min
Response: 1583905
Conc: 18.03 ug/ml



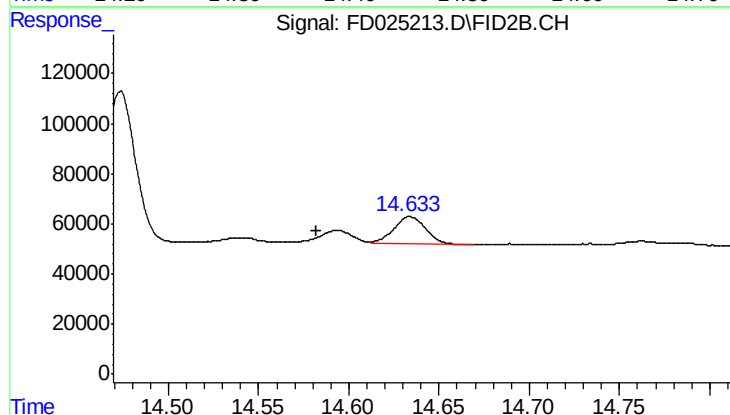
#13 Pyrene (C20.8)

R.T.: 12.671 min
Delta R.T.: -0.001 min
Response: 127562
Conc: 1.45 ug/ml



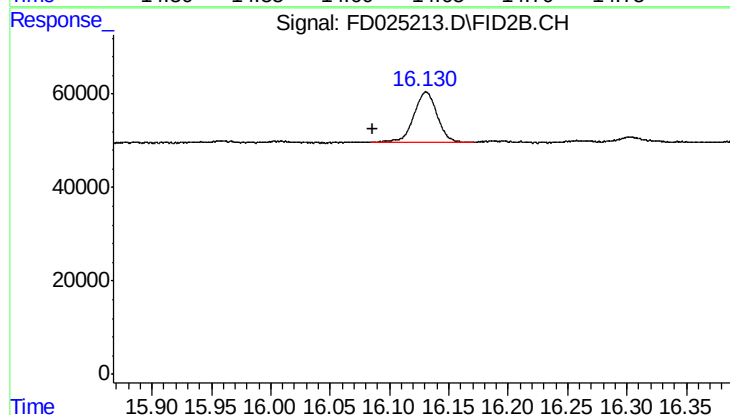
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.474 min
Delta R.T.: -0.068 min
Response: 728204
Conc: 8.73 ug/ml



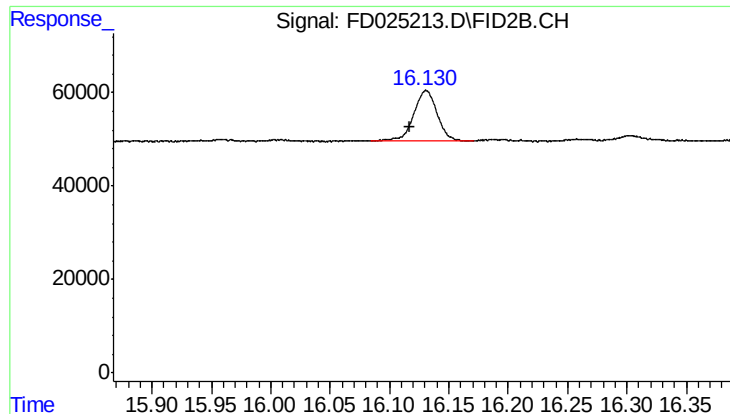
#15 Chrysene (C27.41)

R.T.: 14.634 min
Delta R.T.: 0.052 min
Response: 135631
Conc: 1.61 ug/ml



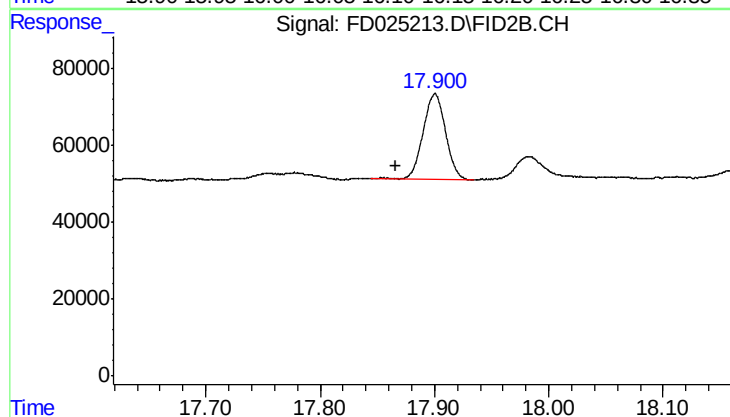
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.131 min
Delta R.T.: 0.045 min
Response: 145456
Conc: 1.62 ug/ml



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

R.T.: 16.131 min
Delta R.T.: 0.014 min
Response: 145456
Conc: 1.62 ug/ml



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

R.T.: 17.900 min
Delta R.T.: 0.035 min
Response: 302804
Conc: 3.31 ug/ml