

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031419AR\
 Data File : FD028327.D
 Signal(s) : FID2B.CH
 Acq On : 15 Mar 2019 5:24
 Operator : AJ\SJ
 Sample : K1895-01
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 OILY-SOIL

Integration File: autoint1.e
 Quant Time: Mar 15 06:56:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022819.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 04:06:35 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

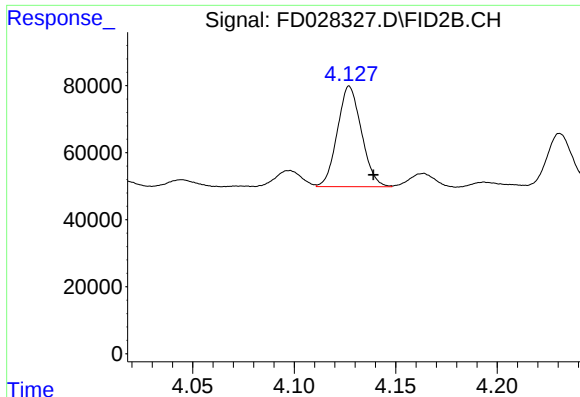
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.314	4324769	40.975 ug/ml
Spiked Amount 50.000		Recovery =	81.95%
6) S 2-Fluorobiphenyl (SURR)	8.162	2903122	41.185 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.37%
11) S ortho-Terphenyl (SURR)	11.202	3241286	28.271 ug/ml
Spiked Amount 50.000		Recovery =	56.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.127	248118	2.344 ug/ml
2) T Naphthalene (C11.7)	5.693	266933	2.274 ug/ml
3) T 2-Methylnaphthalene (...)	6.700	591515	5.000 ug/ml
8) T Fluorene (C16.55)	9.026	286464	2.381 ug/ml
9) T Phenanthrene (C19.36)	10.436	1006167	9.005 ug/ml
12) T Fluoranthene (C21.85)	12.236	1278788	11.785 ug/ml
13) T Pyrene (C20.8)	12.522	2637625	25.135 ug/ml
14) T Benzo[a]anthracene (C...	14.391	9402651	92.907 ug/ml
15) T Chrysene (C27.41)	14.451	9718881	94.258 ug/ml
16) T benzo[b]fluoranthene ...	15.911	14074312	133.541 ug/ml
17) T Bnezo[k]fluoranthene ...	15.966	9999358	92.855 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.305	2620340	24.482 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.653	301321	2.944 ug/ml

(f)=RT Delta > 1/2 Window

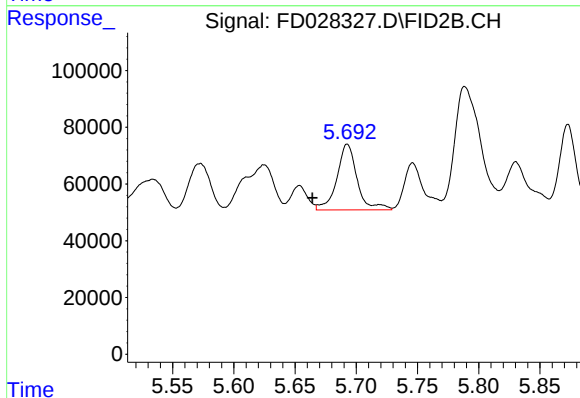
(m)=manual int.



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

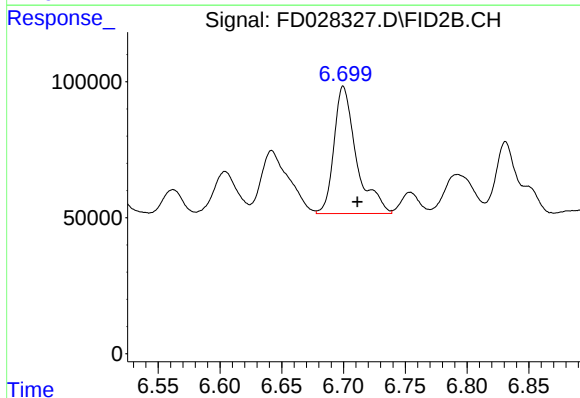
R.T.: 4.127 min
Delta R.T.: -0.012 min
Response: 248118
Conc: 2.34 ug/ml

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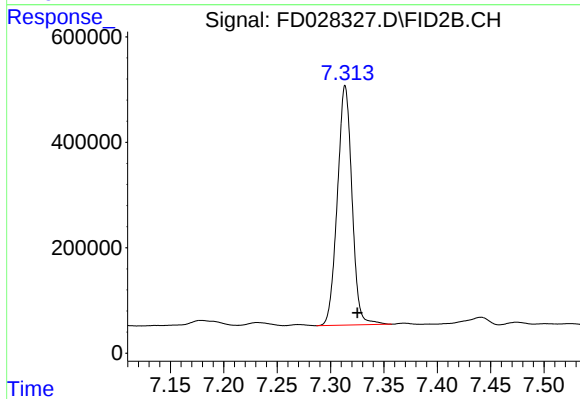
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.029 min
Response: 266933
Conc: 2.27 ug/ml



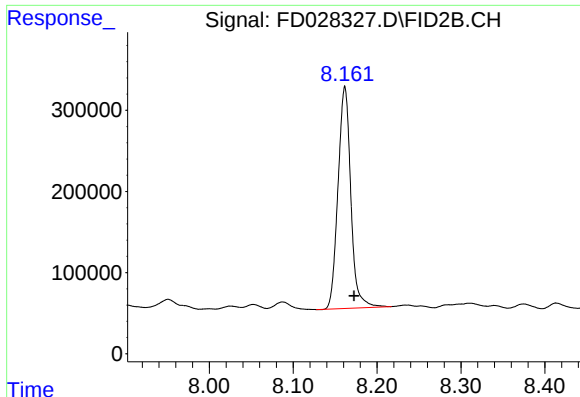
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.700 min
Delta R.T.: -0.011 min
Response: 591515
Conc: 5.00 ug/ml



#4 2-Bromonaphthalene (SURR)

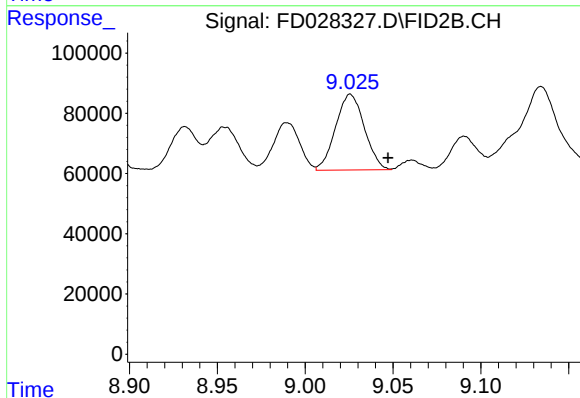
R.T.: 7.314 min
Delta R.T.: -0.011 min
Response: 4324769
Conc: 40.97 ug/ml



#6 2-Fluorobiphenyl (SURR)

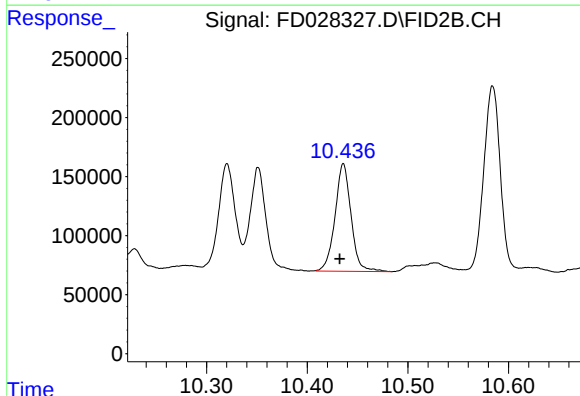
R.T.: 8.162 min
Delta R.T.: -0.011 min
Response: 2903122
Conc: 41.18 ug/ml

Instrument :
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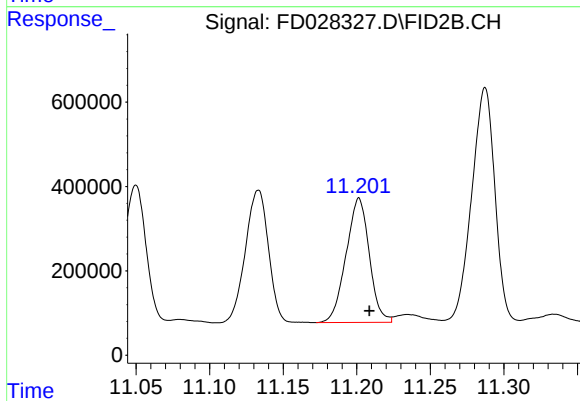
#8 Flouorene (C16.55)

R.T.: 9.026 min
Delta R.T.: -0.021 min
Response: 286464
Conc: 2.38 ug/ml



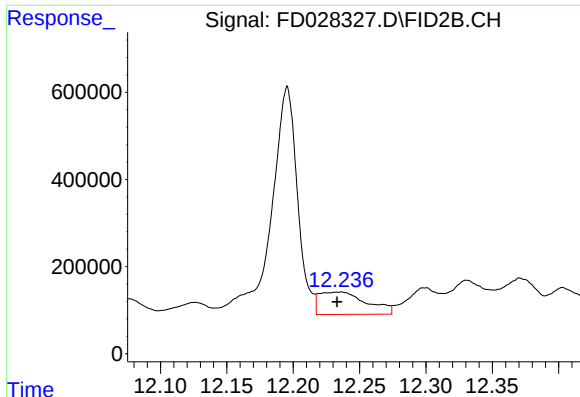
#9 Phenanthrene (C19.36)

R.T.: 10.436 min
Delta R.T.: 0.004 min
Response: 1006167
Conc: 9.00 ug/ml



#11 ortho-Terphenyl (SURR)

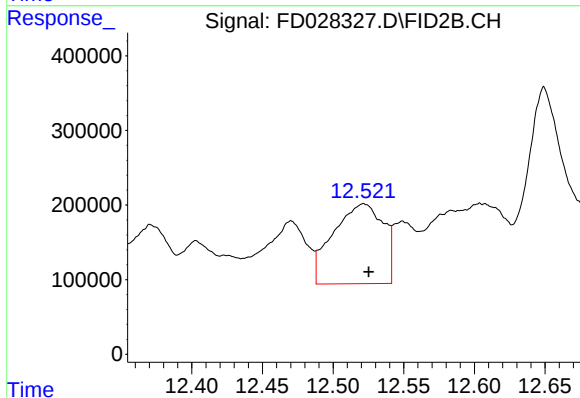
R.T.: 11.202 min
Delta R.T.: -0.007 min
Response: 3241286
Conc: 28.27 ug/ml



#12 Fluoranthene (C21.85)

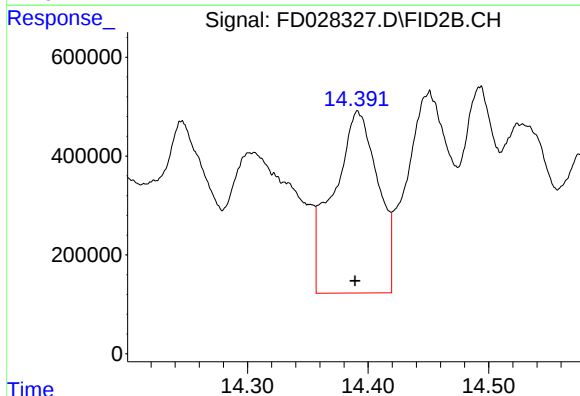
R.T.: 12.236 min
Delta R.T.: 0.003 min
Response: 1278788
Conc: 11.79 ug/ml

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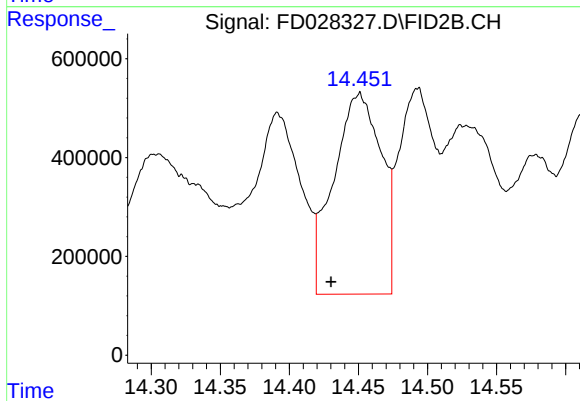
#13 Pyrene (C20.8)

R.T.: 12.522 min
Delta R.T.: -0.003 min
Response: 2637625
Conc: 25.13 ug/ml



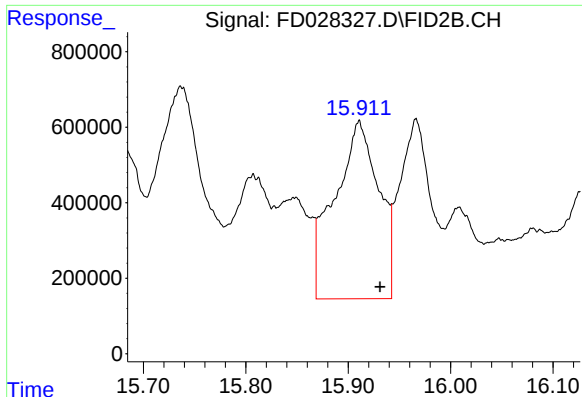
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.391 min
Delta R.T.: 0.002 min
Response: 9402651
Conc: 92.91 ug/ml



#15 Chrysene (C27.41)

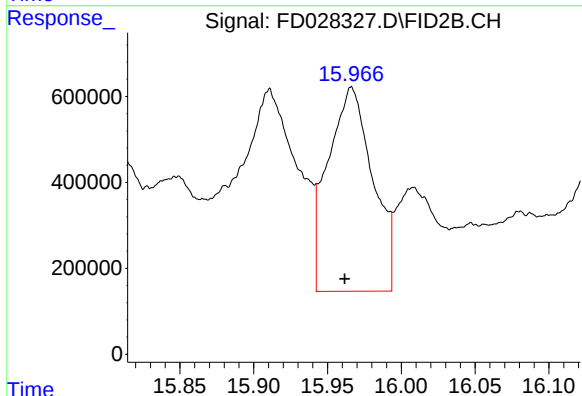
R.T.: 14.451 min
Delta R.T.: 0.020 min
Response: 9718881
Conc: 94.26 ug/ml



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

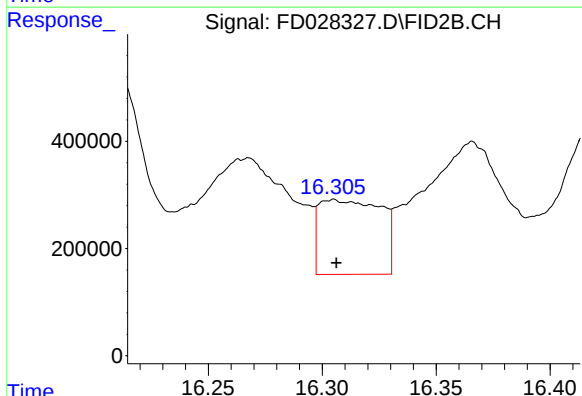
R.T.: 15.911 min
Delta R.T.: -0.020 min
Response: 14074312
Conc: 133.54 ug/ml

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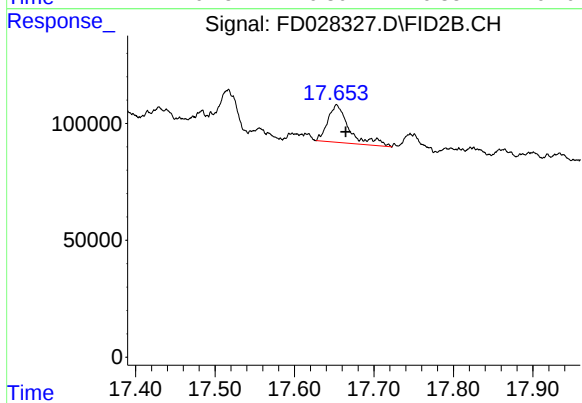
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.966 min
Delta R.T.: 0.005 min
Response: 9999358
Conc: 92.85 ug/ml



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

R.T.: 16.305 min
Delta R.T.: -0.001 min
Response: 2620340
Conc: 24.48 ug/ml



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

R.T.: 17.653 min
Delta R.T.: -0.012 min
Response: 301321
Conc: 2.94 ug/ml