

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082919AL\
 Data File : FD030390.D
 Signal(s) : FID2B.CH
 Acq On : 29 Aug 2019 19:11
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
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 8/30/2019 1:37:31 PM

Integration File: autoint1.e
 Quant Time: Aug 30 01:45:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 30 01:42:39 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.526	2685278	19.536 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
12) S 1-chlorooctadecane (S...	12.953	2164179	18.975 ug/ml
Spiked Amount 50.000		Recovery =	37.95%
Target Compounds			
1) T n-Nonane (C9)	3.335	2641867	22.076 ug/ml
2) T n-Decane (C10)	4.394	2709301	22.278 ug/ml
3) T A-Naphthalene (C11.7)	5.970	3020747	21.942 ug/ml
4) T n-Dodecane (C12)	6.400	2711994	22.240 ug/ml
5) T A~2-methylnaphthalene...	7.021	3018724	21.827 ug/ml
6) T n-Tetradecane (C14)	8.186	2709412	21.966 ug/ml
7) T n-Hexadecane (C16)	9.778	2675910	21.430 ug/ml
8) T n-Octadecane (C18)	11.210	2625123	20.533 ug/ml
10) T n-Eicosane (C20)	12.512	2546881	19.617 ug/ml
11) T n-Heneicosane (C21)	13.120	2490700	19.178 ug/ml
13) T n-Docosane (C22)	13.702	2442951	18.709 ug/ml
14) T n-Tetracosane (C24)	14.797	2370965	18.065 ug/ml
15) T n-Hexacosane (C26)	15.810	2278914	17.669 ug/ml
16) T n-Octacosane (C28)	16.753	2253146	17.758 ug/ml
17) T n-Tricontane (C30)	17.634	2204633	18.192 ug/ml
18) T n-Dotriacontane (C32)	18.458	2076194	18.516 ug/mlm
19) T n-Tetratriacontane (C34)	19.234	1800345	20.305 ug/mlm
20) T n-Hexatriacontane (C36)	19.968	1595065	21.462 ug/mlm
21) T n-Octatriacontane (C38)	20.681	1520009	22.836 ug/mlm
22) T n-Tetracontane (C40)	21.541	1527497	21.625 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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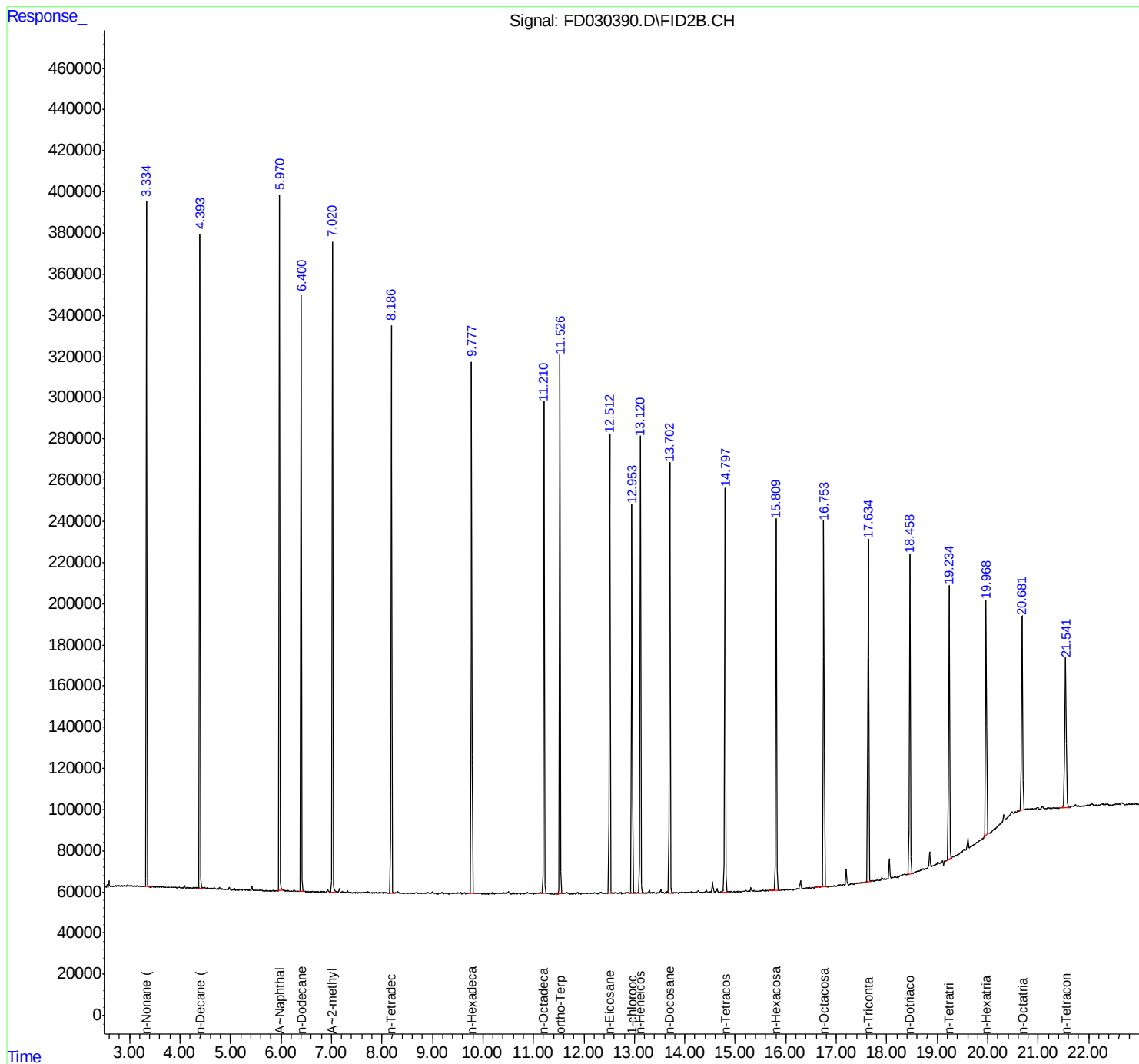
Instrument :
FID_D
ClientSampled :

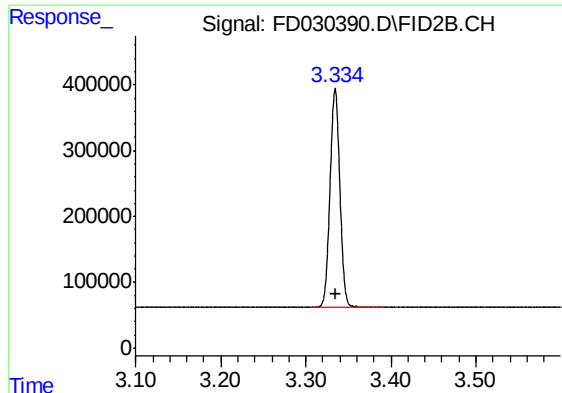
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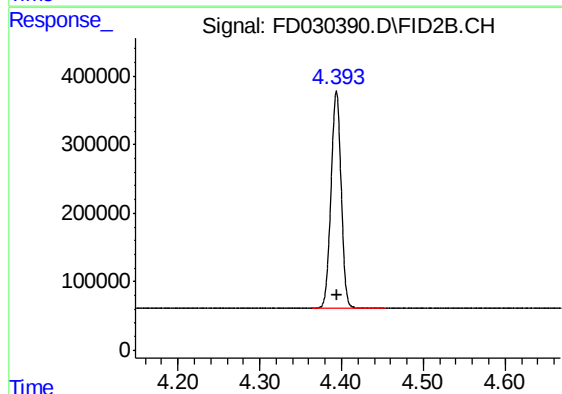
#1 n-Nonane (C9)

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 2641867
Conc: 22.08 ug/ml

Instrument :
FID_D
ClientSampleId :

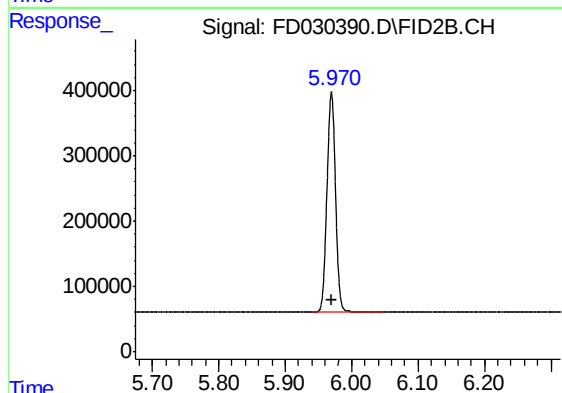
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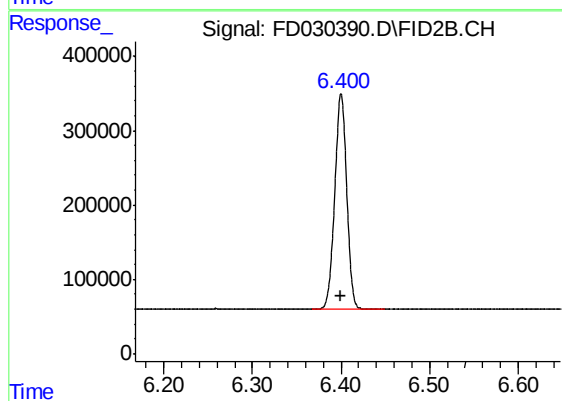
#2 n-Decane (C10)

R.T.: 4.394 min
Delta R.T.: 0.000 min
Response: 2709301
Conc: 22.28 ug/ml



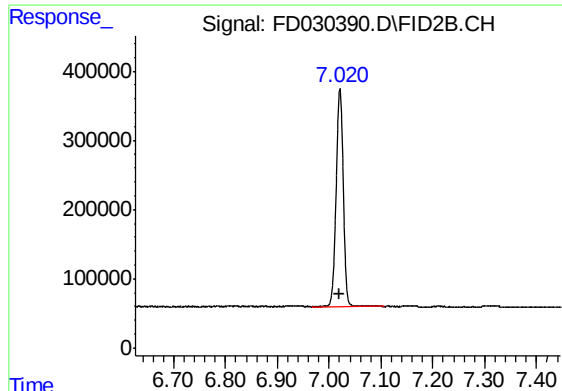
#3 A~Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 3020747
Conc: 21.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 2711994
Conc: 22.24 ug/ml



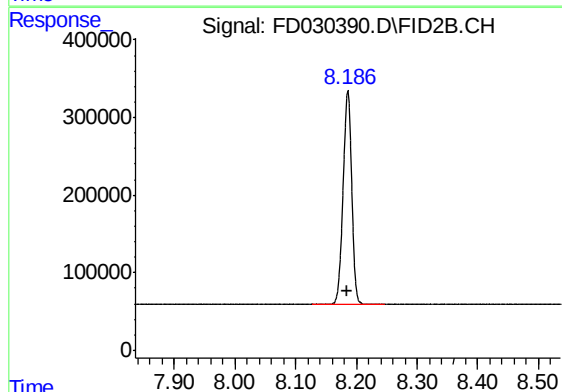
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 3018724
Conc: 21.83 ug/ml

Instrument :
FID_D
ClientSampleId :

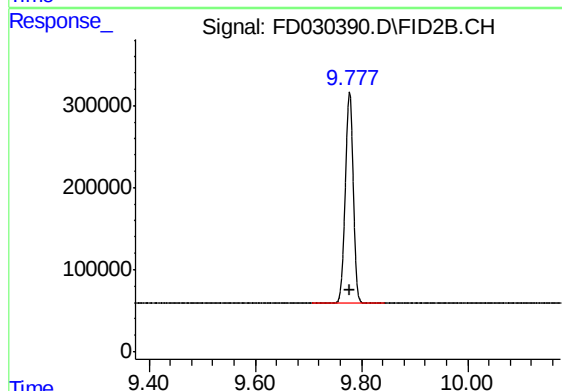
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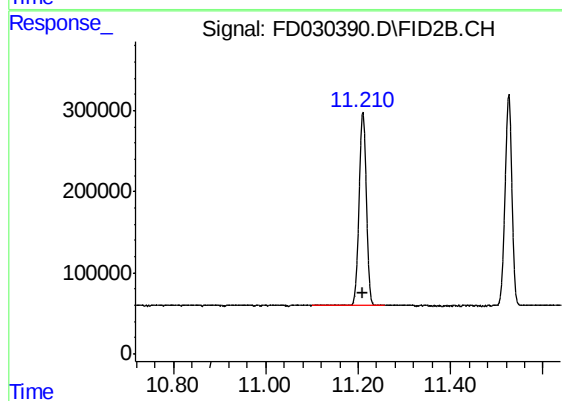
#6 n-Tetradecane (C14)

R.T.: 8.186 min
Delta R.T.: 0.000 min
Response: 2709412
Conc: 21.97 ug/ml



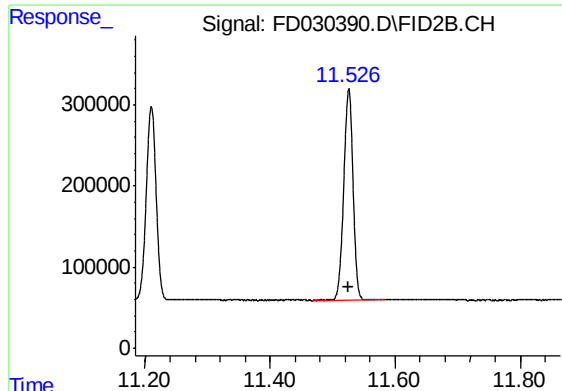
#7 n-Hexadecane (C16)

R.T.: 9.778 min
Delta R.T.: 0.000 min
Response: 2675910
Conc: 21.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.210 min
Delta R.T.: 0.000 min
Response: 2625123
Conc: 20.53 ug/ml



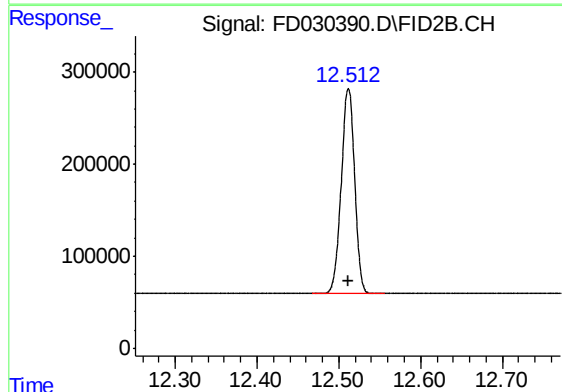
#9 ortho-Terphenyl (SURR)

R.T.: 11.526 min
Delta R.T.: 0.000 min
Response: 2685278
Conc: 19.54 ug/ml

Instrument :
FID_D
ClientSampleId :

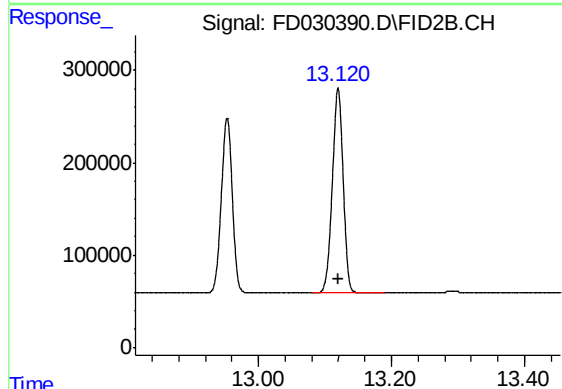
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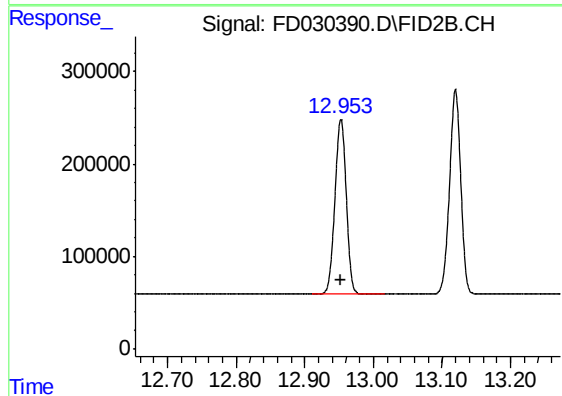
#10 n-Eicosane (C20)

R.T.: 12.512 min
Delta R.T.: 0.000 min
Response: 2546881
Conc: 19.62 ug/ml



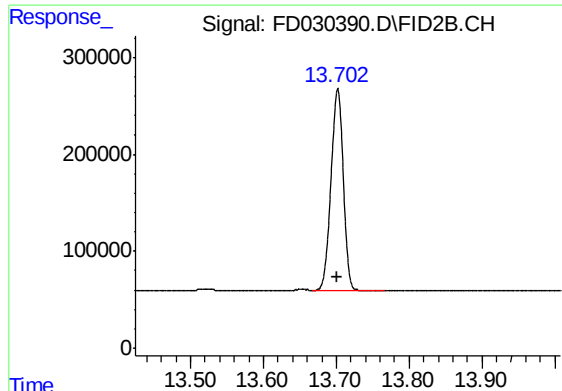
#11 n-Heneicosane (C21)

R.T.: 13.120 min
Delta R.T.: 0.000 min
Response: 2490700
Conc: 19.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.953 min
Delta R.T.: 0.000 min
Response: 2164179
Conc: 18.98 ug/ml



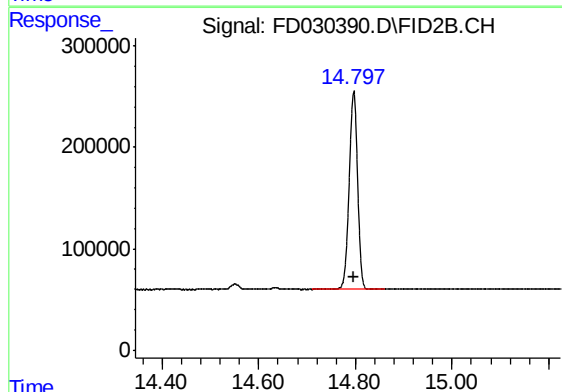
#13 n-Docosane (C22)

R.T.: 13.702 min
Delta R.T.: 0.000 min
Response: 2442951
Conc: 18.71 ug/ml

Instrument :
FID_D
ClientSampleId :

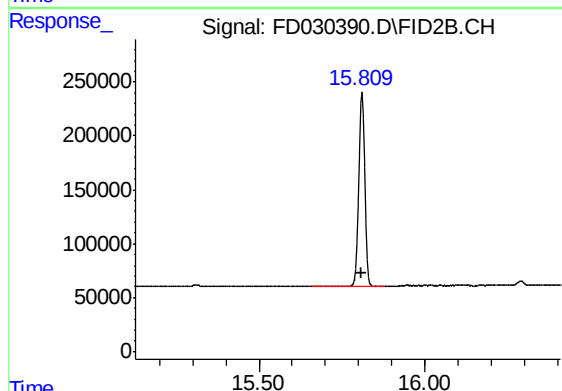
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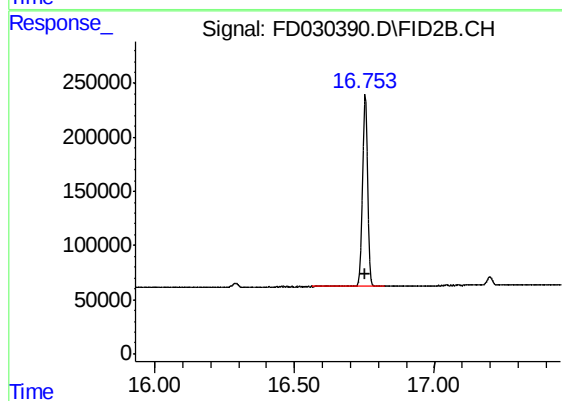
#14 n-Tetracosane (C24)

R.T.: 14.797 min
Delta R.T.: 0.000 min
Response: 2370965
Conc: 18.06 ug/ml



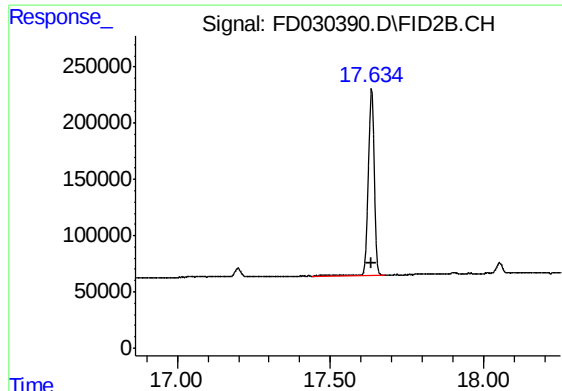
#15 n-Hexacosane (C26)

R.T.: 15.810 min
Delta R.T.: 0.000 min
Response: 2278914
Conc: 17.67 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.753 min
Delta R.T.: 0.000 min
Response: 2253146
Conc: 17.76 ug/ml



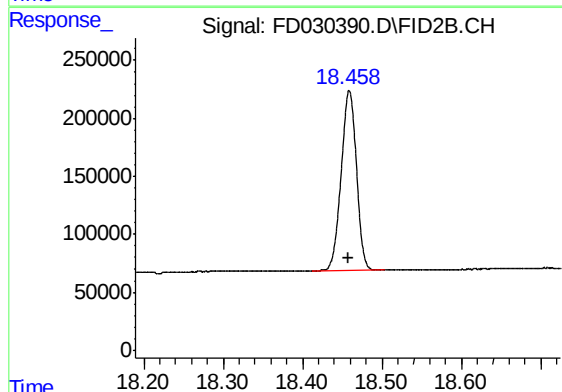
#17 n-Tricontane (C30)

R.T.: 17.634 min
Delta R.T.: 0.000 min
Response: 2204633
Conc: 18.19 ug/ml

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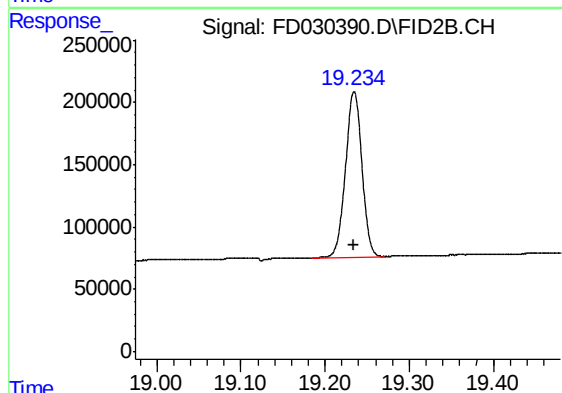
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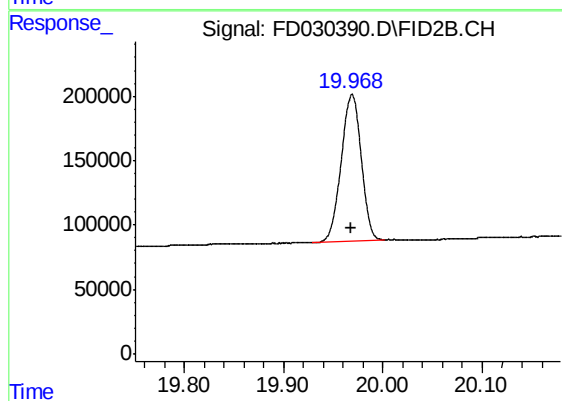
#18 n-Dotriacontane (C32)

R.T.: 18.458 min
Delta R.T.: 0.000 min
Response: 2076194
Conc: 18.52 ug/ml m



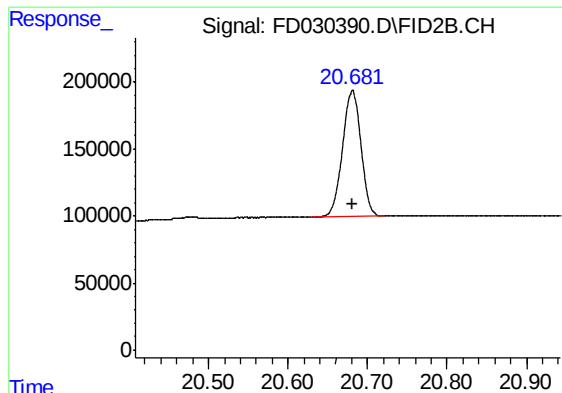
#19 n-Tetatriacontane (C34)

R.T.: 19.234 min
Delta R.T.: 0.000 min
Response: 1800345
Conc: 20.31 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.968 min
Delta R.T.: 0.000 min
Response: 1595065
Conc: 21.46 ug/ml m



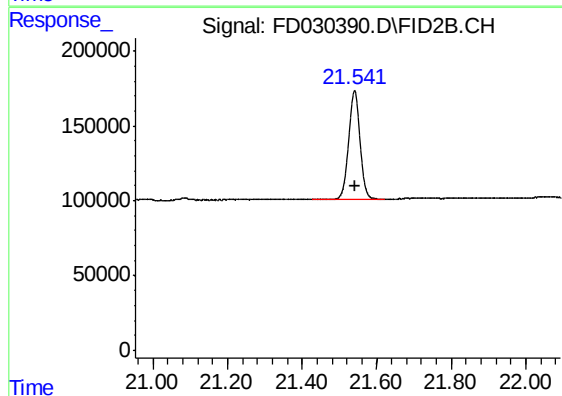
#21 n-Octatriacontane (C38)

R.T.: 20.681 min
Delta R.T.: 0.000 min
Response: 1520009
Conc: 22.84 ug/ml m

Instrument :
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ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.541 min
Delta R.T.: 0.000 min
Response: 1527497
Conc: 21.62 ug/ml