

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052122AL\
 Data File : FD042594.D
 Signal(s) : FID2B.CH
 Acq On : 21 May 2022 3:21
 Operator : UA/NP
 Sample : N2964-01MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EO-01-051922MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/21/2022
 Supervised By :Ankita Jodhani 05/23/2022

Integration File: autoint1.e
 Quant Time: May 21 06:19:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051922.M
 Quant Title : GC Extractables
 QLast Update : Thu May 19 05:18:51 2022
 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)	11.207	5434564	32.431 ug/ml
Spiked Amount 50.000		Recovery =	64.86%
12) S 1-chlorooctadecane (S...	12.644	5105688	39.597 ug/ml
Spiked Amount 50.000		Recovery =	79.19%
Target Compounds			
1) T n-Nonane (C9)	3.077	2528293	16.648 ug/ml
2) T n-Decane (C10)	4.122	3203320	21.292 ug/ml
3) T A~Naphthalene (C11.7)	5.672	5416298	35.162 ug/ml
4) T n-Dodecane (C12)	6.116	4476555	28.489 ug/ml
5) T A~2-methylnaphthalene...	6.719	6068942	39.439 ug/ml
6) T n-Tetradecane (C14)	7.893	5569485	35.345 ug/ml
7) T n-Hexadecane (C16)	9.478	5573279	35.286 ug/ml
8) T n-Octadecane (C18)	10.908	5584339	35.406 ug/ml
10) T n-Eicosane (C20)	12.208	5584083	36.252 ug/ml
11) T n-Heneicosane (C21)	12.815	5584826	36.526 ug/ml
13) T n-Docosane (C22)	13.397	5953768	39.761 ug/ml
14) T n-Tetracosane (C24)	14.494	5271026	36.543 ug/ml
15) T n-Hexacosane (C26)	15.509	5238299	37.404 ug/ml
16) T n-Octacosane (C28)	16.452	5647690	41.429 ug/mlm
17) T n-Tricontane (C30)	17.338	4848463	36.418 ug/mlm
18) T n-Dotriacontane (C32)	18.163	4518276	35.508 ug/mlm
19) T n-Tetratriacontane (C34)	18.943	4596041	38.081 ug/mlm
20) T n-Hexatriacontane (C36)	19.680	4127834	36.448 ug/mlm
21) T n-Octatriacontane (C38)	20.378	3999796	37.040 ug/mlm
22) T n-Tetracontane (C40)	21.151	3740656	35.066 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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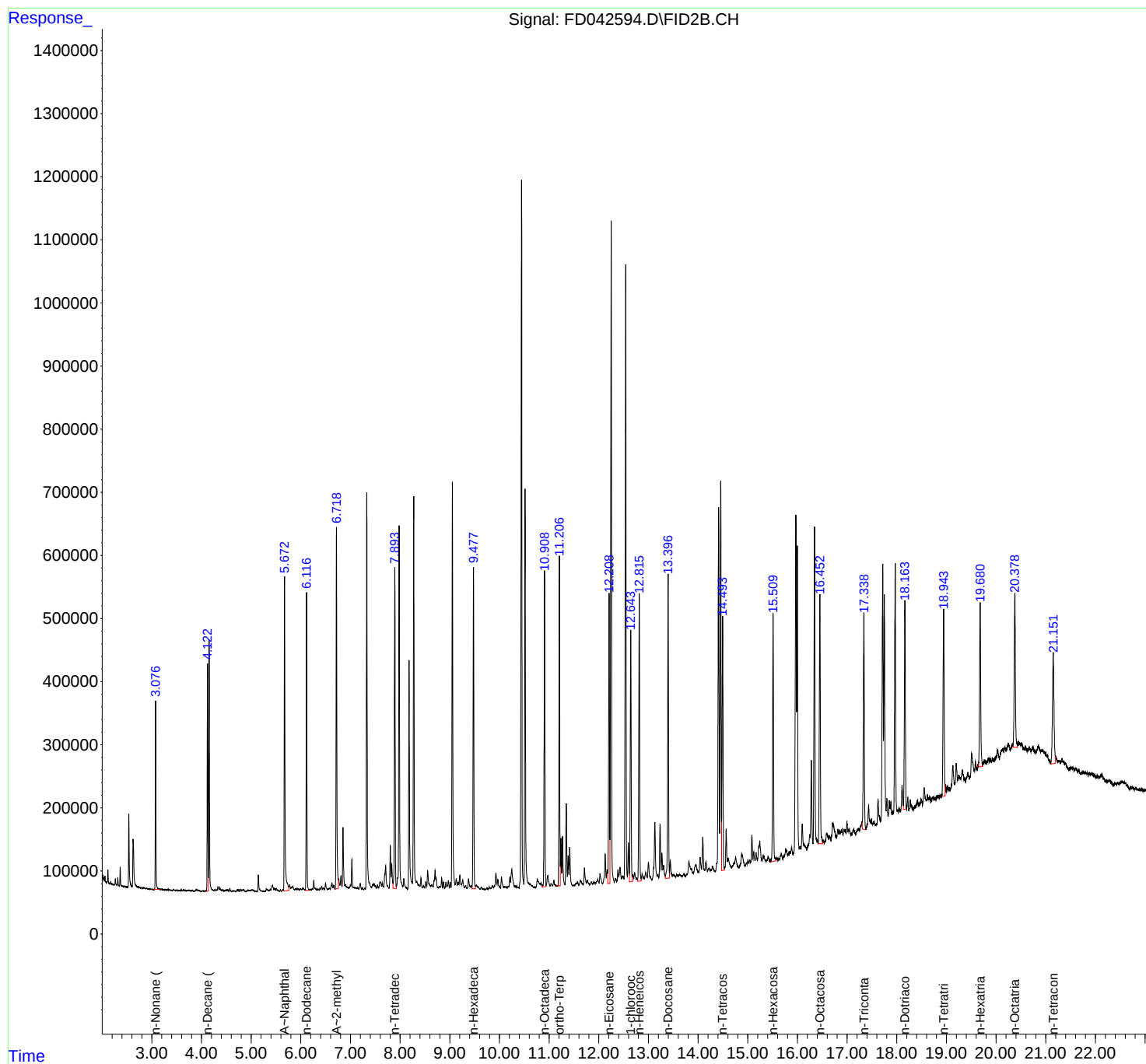
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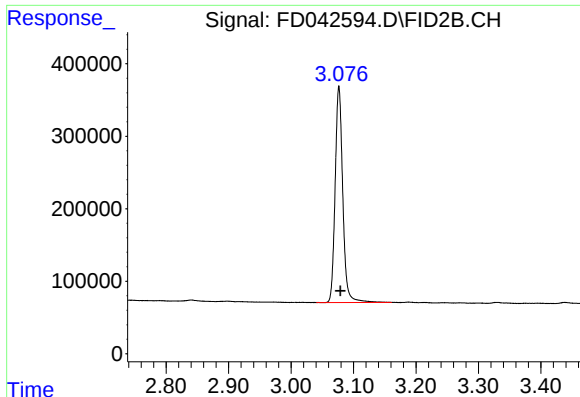
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#1 n-Nonane (C9)

R.T.: 3.077 min
Delta R.T.: -0.002 min
Response: 2528293
Conc: 16.65 ug/ml

Instrument :

FID_D

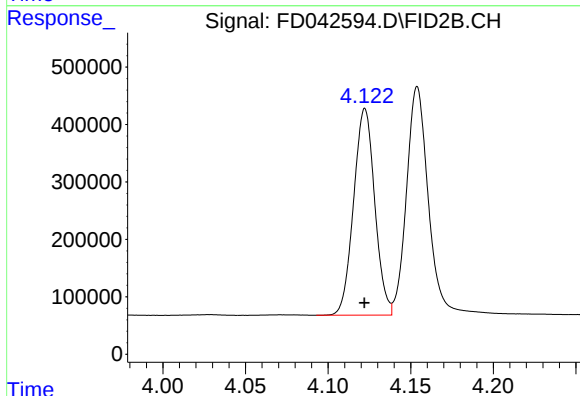
ClientSampleId :

EO-01-051922MSD

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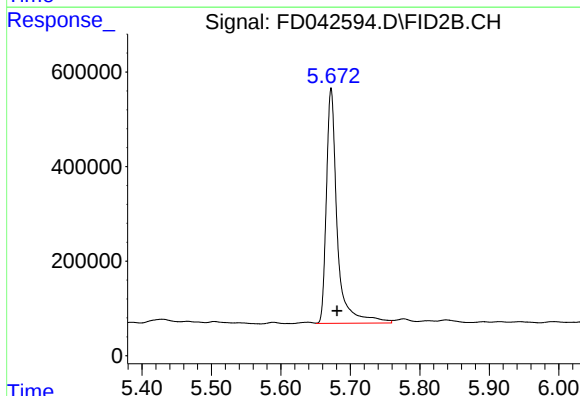
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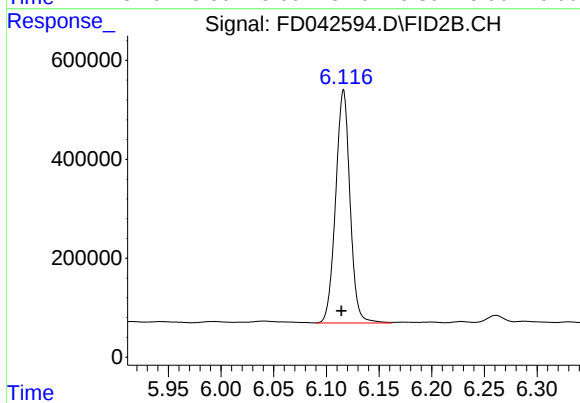
#2 n-Decane (C10)

R.T.: 4.122 min
Delta R.T.: 0.000 min
Response: 3203320
Conc: 21.29 ug/ml



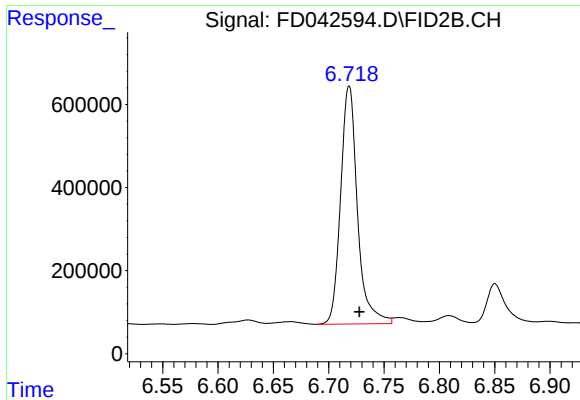
#3 A~Naphthalene (C11.7)

R.T.: 5.672 min
Delta R.T.: -0.008 min
Response: 5416298
Conc: 35.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 4476555
Conc: 28.49 ug/ml



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

R.T.: 6.719 min
Delta R.T.: -0.009 min
Response: 6068942
Conc: 39.44 ug/ml

Instrument :

FID_D

ClientSampleId :

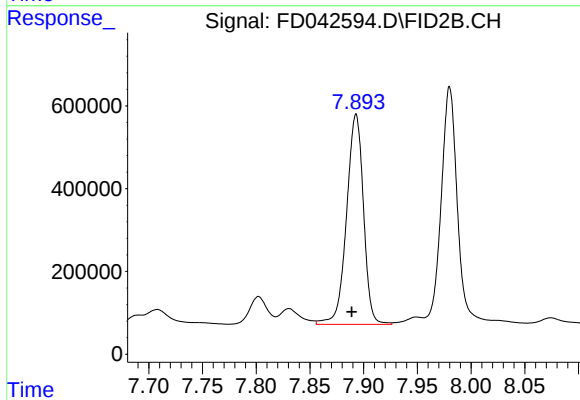
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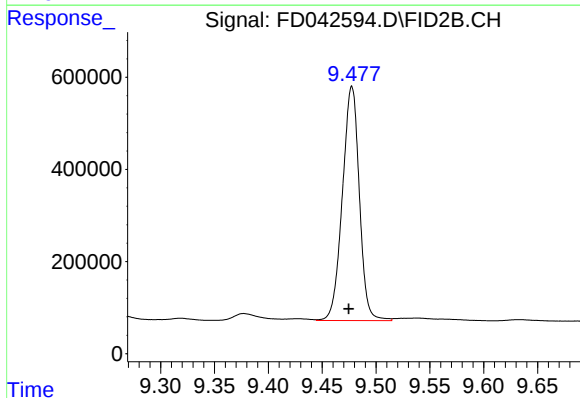
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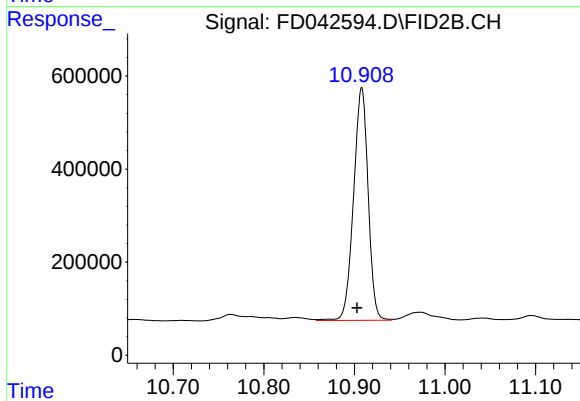
#6 n-Tetradecane (C14)

R.T.: 7.893 min
Delta R.T.: 0.004 min
Response: 5569485
Conc: 35.35 ug/ml



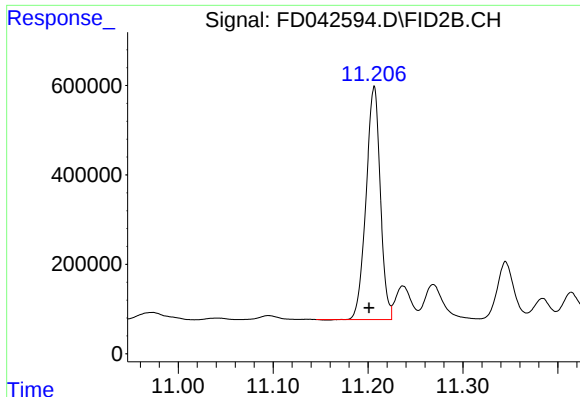
#7 n-Hexadecane (C16)

R.T.: 9.478 min
Delta R.T.: 0.003 min
Response: 5573279
Conc: 35.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.908 min
Delta R.T.: 0.005 min
Response: 5584339
Conc: 35.41 ug/ml



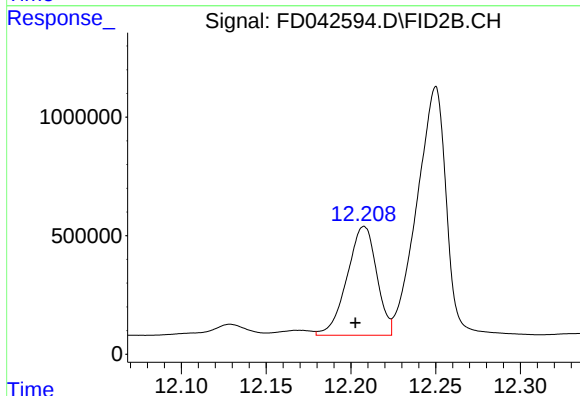
#9 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: 0.006 min
Response: 5434564
Conc: 32.43 ug/ml

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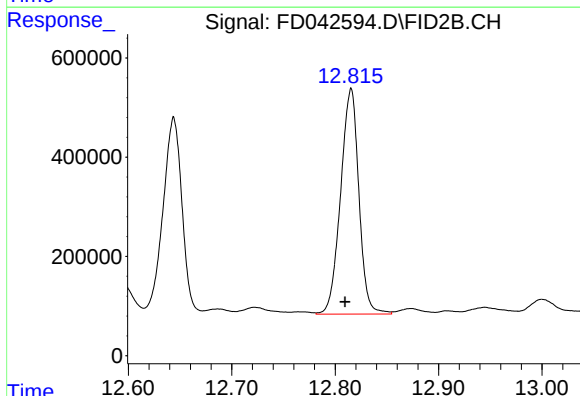
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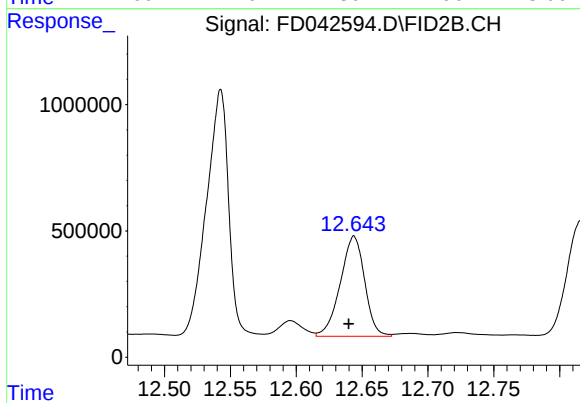
#10 n-Eicosane (C20)

R.T.: 12.208 min
Delta R.T.: 0.005 min
Response: 5584083
Conc: 36.25 ug/ml



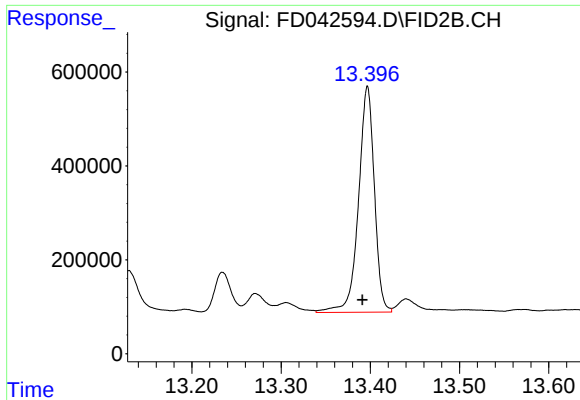
#11 n-Heneicosane (C21)

R.T.: 12.815 min
Delta R.T.: 0.006 min
Response: 5584826
Conc: 36.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.644 min
Delta R.T.: 0.004 min
Response: 5105688
Conc: 39.60 ug/ml



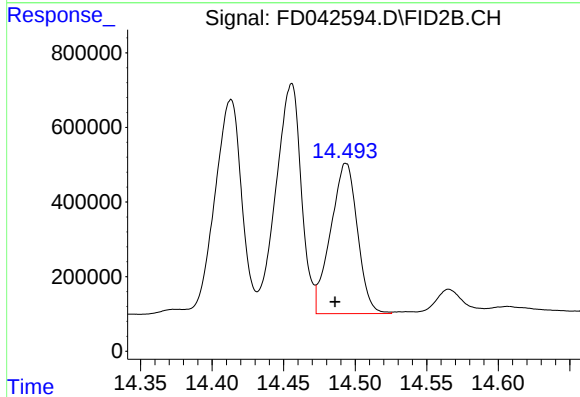
#13 n-Docosane (C22)

R.T.: 13.397 min
Delta R.T.: 0.006 min
Response: 5953768
Conc: 39.76 ug/ml

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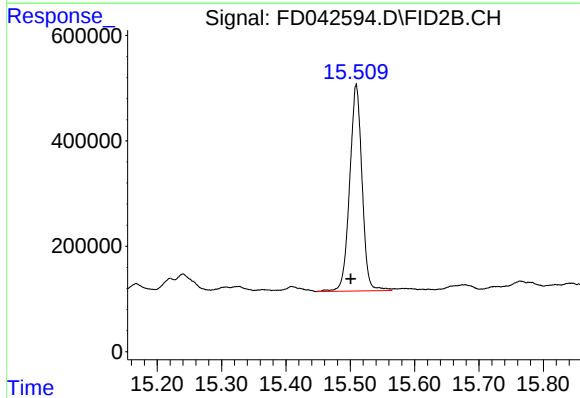
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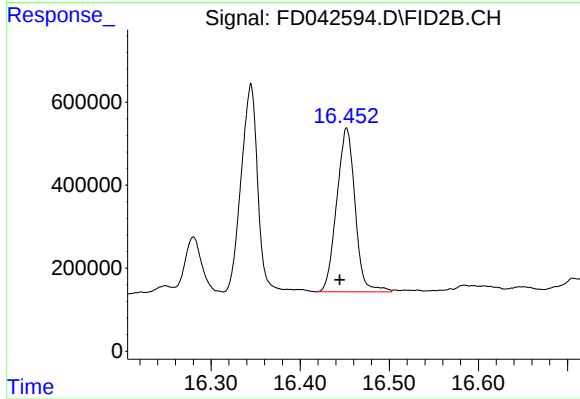
#14 n-Tetracosane (C24)

R.T.: 14.494 min
Delta R.T.: 0.008 min
Response: 5271026
Conc: 36.54 ug/ml



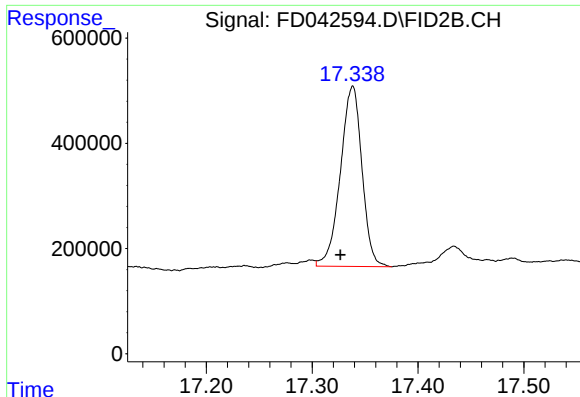
#15 n-Hexacosane (C26)

R.T.: 15.509 min
Delta R.T.: 0.008 min
Response: 5238299
Conc: 37.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.452 min
Delta R.T.: 0.008 min
Response: 5647690
Conc: 41.43 ug/ml m



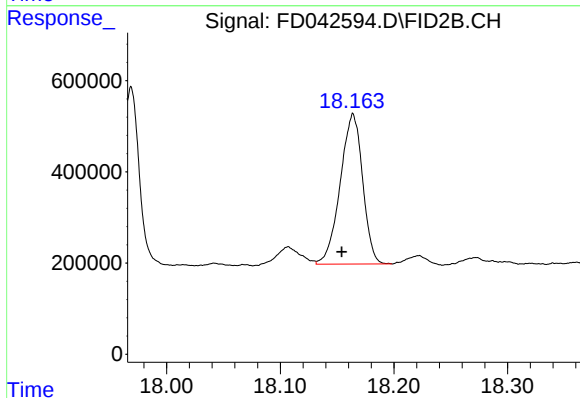
#17 n-Tricontane (C30)

R.T.: 17.338 min
Delta R.T.: 0.012 min
Response: 4848463
Conc: 36.42 ug/ml

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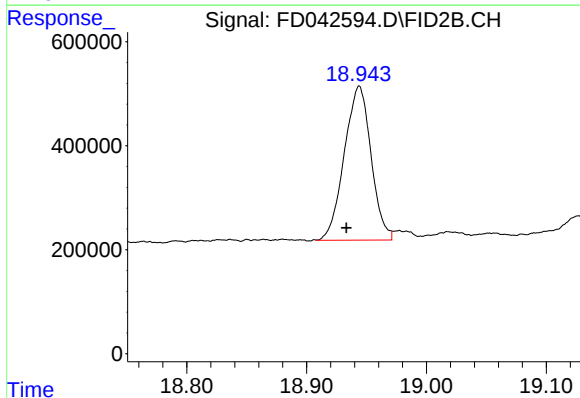
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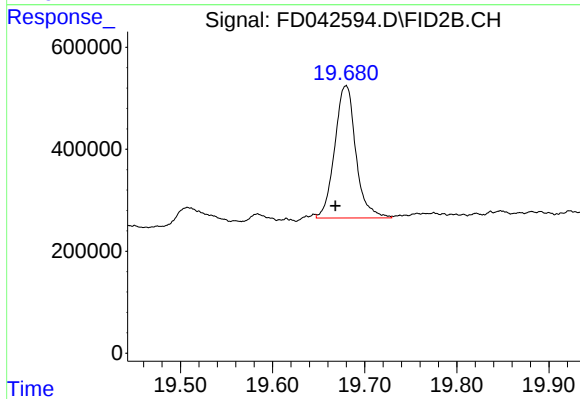
#18 n-Dotriacontane (C32)

R.T.: 18.163 min
Delta R.T.: 0.009 min
Response: 4518276
Conc: 35.51 ug/ml m



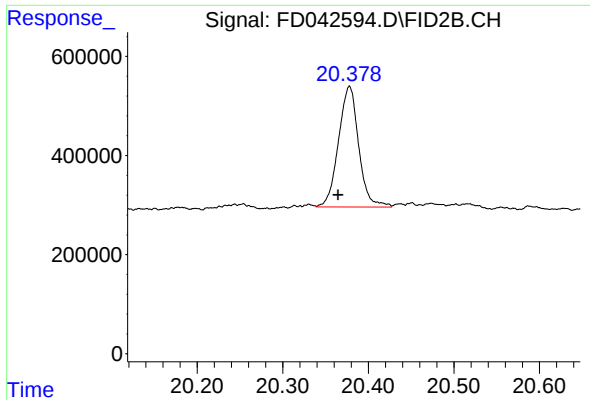
#19 n-Tetratriacontane (C34)

R.T.: 18.943 min
Delta R.T.: 0.010 min
Response: 4596041
Conc: 38.08 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.680 min
Delta R.T.: 0.012 min
Response: 4127834
Conc: 36.45 ug/ml m



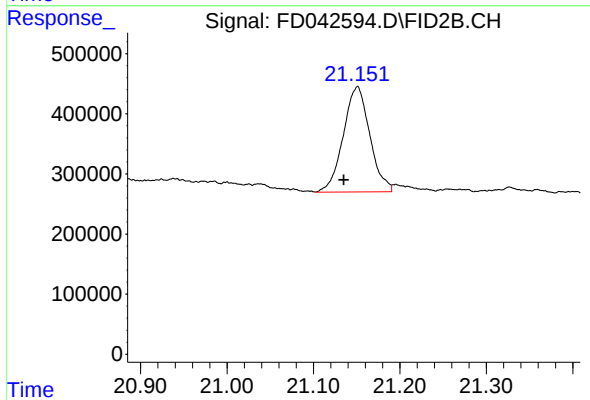
#21 n-Octatriacontane (C38)

R.T.: 20.378 min
Delta R.T.: 0.013 min
Response: 3999796
Conc: 37.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.151 min
Delta R.T.: 0.016 min
Response: 3740656
Conc: 35.07 ug/ml m