

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060622AL\
 Data File : FD042786.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jun 2022 22:23
 Operator : UA/NP
 Sample : PB145348BSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145348BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/07/2022
 Supervised By :Ankita Jodhani 06/07/2022

Integration File: sample.E
 Quant Time: Jun 07 02:21:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 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)	11.581	7344062	44.219 ug/ml
Spiked Amount 50.000		Recovery =	88.44%
12) S 1-chlorooctadecane (S...	13.015	5924947	45.367 ug/ml
Spiked Amount 50.000		Recovery =	90.73%
Target Compounds			
1) T n-Nonane (C9)	3.358	5525622	39.887 ug/ml
2) T n-Decane (C10)	4.421	5711801	41.365 ug/ml
3) T A~Naphthalene (C11.7)	5.999	6860704	43.612 ug/ml
4) T n-Dodecane (C12)	6.433	6046068	42.666 ug/ml
5) T A~2-methylnaphthalene...	7.054	6885154	43.005 ug/ml
6) T n-Tetradecane (C14)	8.228	6413275	44.532 ug/ml
7) T n-Hexadecane (C16)	9.825	6963350	47.207 ug/ml
8) T n-Octadecane (C18)	11.265	7541594	50.105 ug/ml
10) T n-Eicosane (C20)	12.573	7415694	49.313 ug/ml
11) T n-Heneicosane (C21)	13.183	7365398	48.654 ug/ml
13) T n-Docosane (C22)	13.768	7301715	48.304 ug/ml
14) T n-Tetracosane (C24)	14.869	6310601	42.049 ug/ml
15) T n-Hexacosane (C26)	15.889	6907725	47.381 ug/ml
16) T n-Octacosane (C28)	16.835	6579341	47.173 ug/ml
17) T n-Tricontane (C30)	17.720	6196652	47.397 ug/ml
18) T n-Dotriacontane (C32)	18.550	5849083	49.537 ug/ml
19) T n-Tetratriacontane (C34)	19.331	5445591	51.227 ug/ml
20) T n-Hexatriacontane (C36)	20.068	4899238	50.105 ug/mlm
21) T n-Octatriacontane (C38)	20.800	4504894	49.389 ug/ml
22) T n-Tetracontane (C40)	21.699	4439739	54.789 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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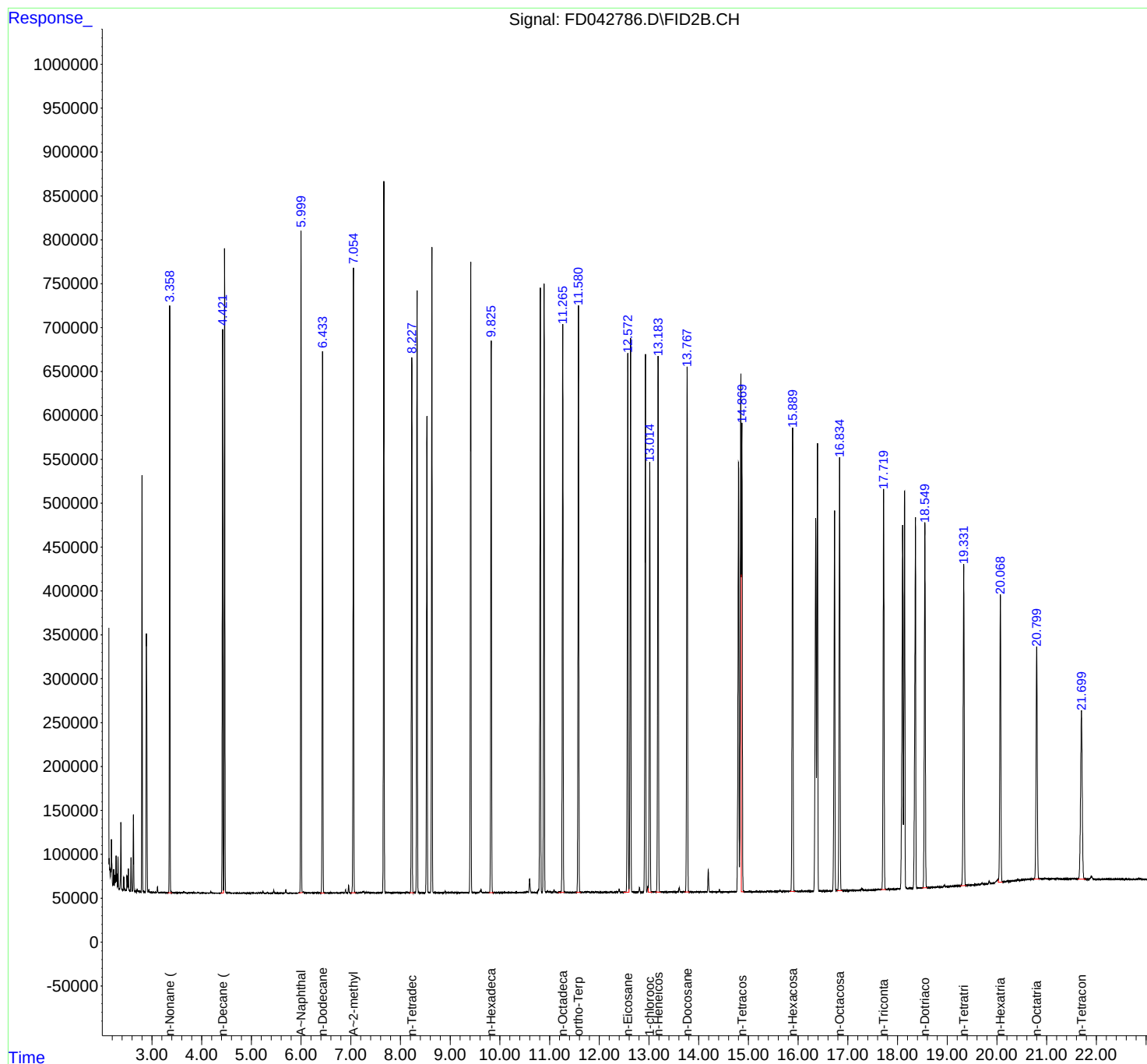
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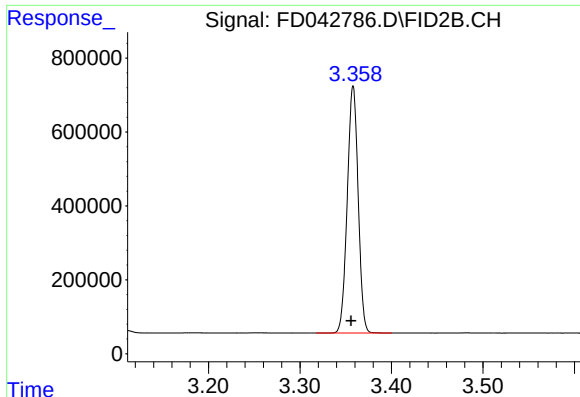
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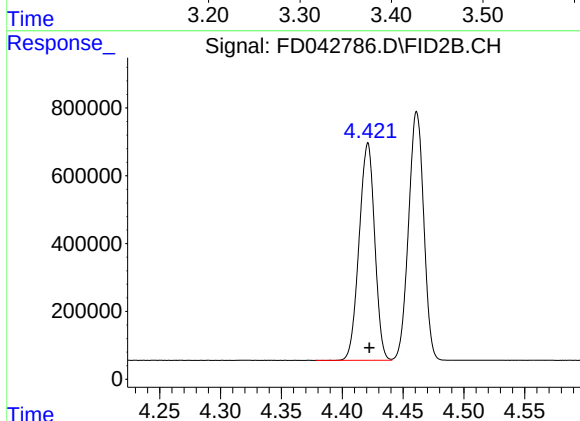
#1 n-Nonane (C9)

R.T.: 3.358 min
Delta R.T.: 0.002 min
Response: 5525622
Conc: 39.89 ug/ml

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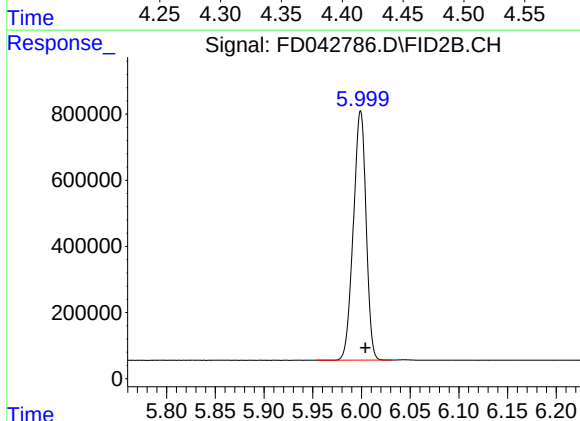
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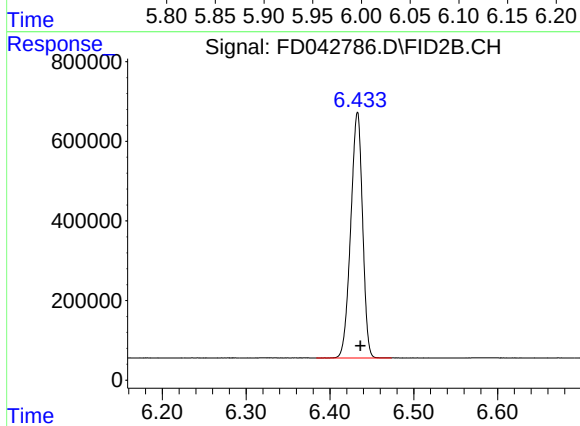
#2 n-Decane (C10)

R.T.: 4.421 min
Delta R.T.: -0.001 min
Response: 5711801
Conc: 41.36 ug/ml



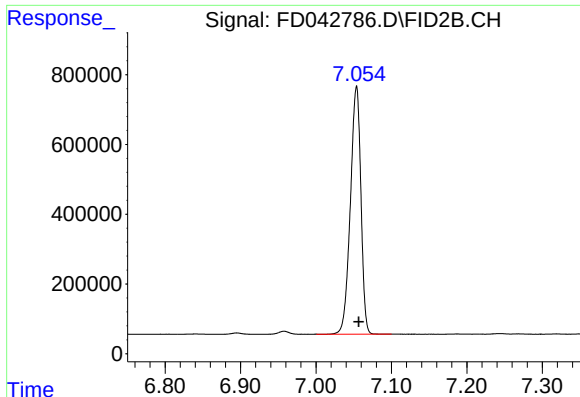
#3 A~Naphthalene (C11.7)

R.T.: 5.999 min
Delta R.T.: -0.005 min
Response: 6860704
Conc: 43.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.433 min
Delta R.T.: -0.003 min
Response: 6046068
Conc: 42.67 ug/ml



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

R.T.: 7.054 min
Delta R.T.: -0.003 min
Response: 6885154
Conc: 43.00 ug/ml

Instrument :

FID_D

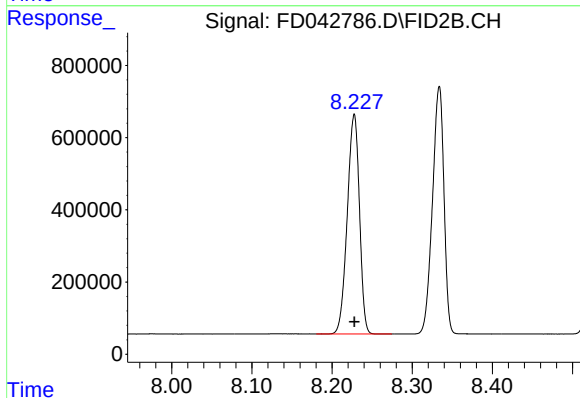
ClientSampleId :

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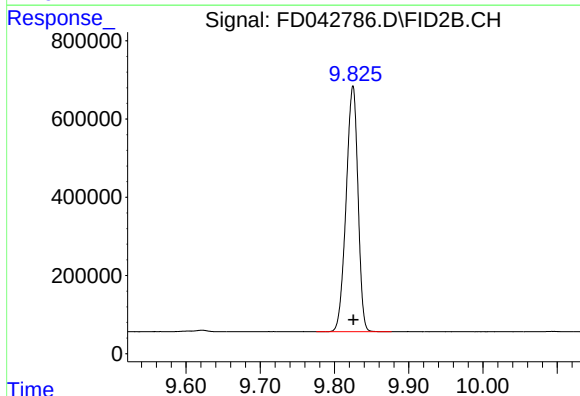
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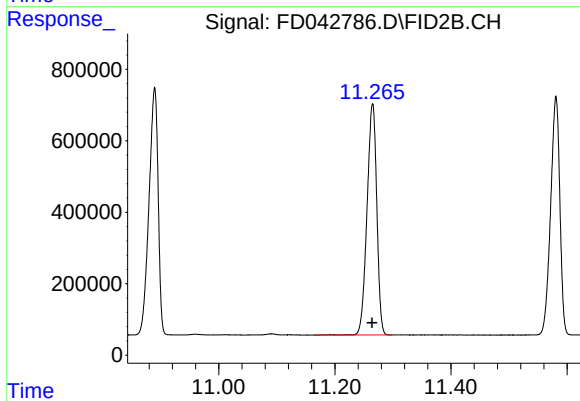
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: 0.000 min
Response: 6413275
Conc: 44.53 ug/ml



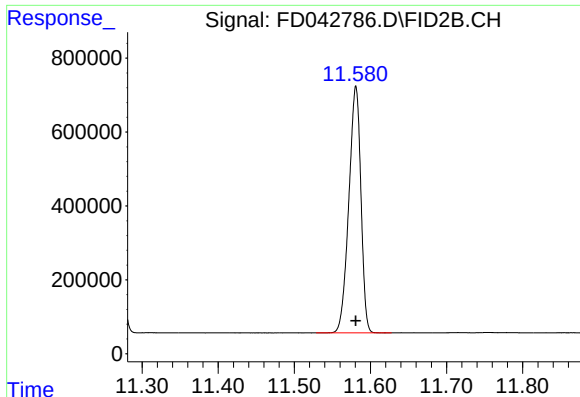
#7 n-Hexadecane (C16)

R.T.: 9.825 min
Delta R.T.: 0.000 min
Response: 6963350
Conc: 47.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 7541594
Conc: 50.10 ug/ml



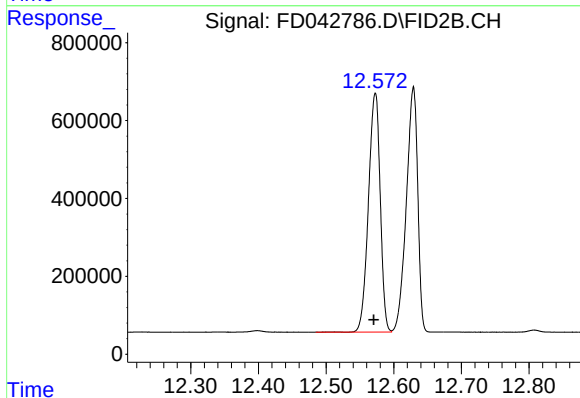
#9 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: 0.000 min
Response: 7344062
Conc: 44.22 ug/ml

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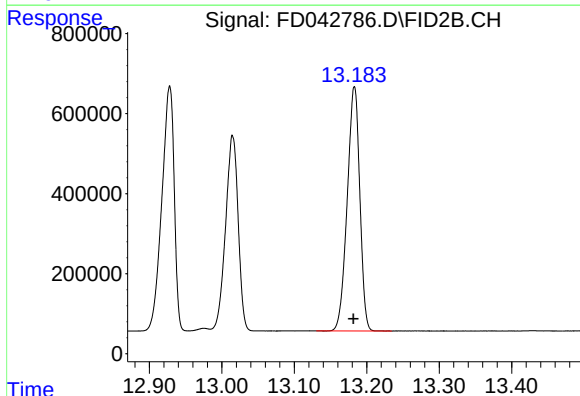
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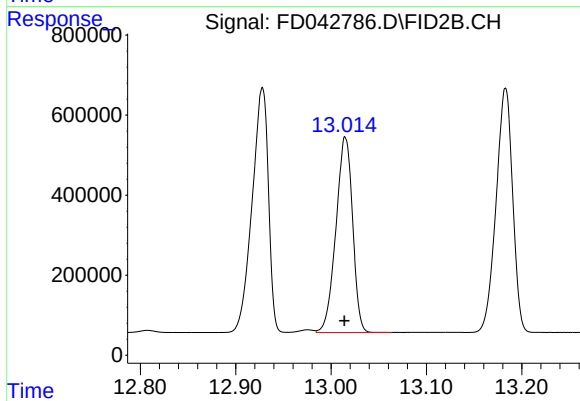
#10 n-Eicosane (C20)

R.T.: 12.573 min
Delta R.T.: 0.002 min
Response: 7415694
Conc: 49.31 ug/ml



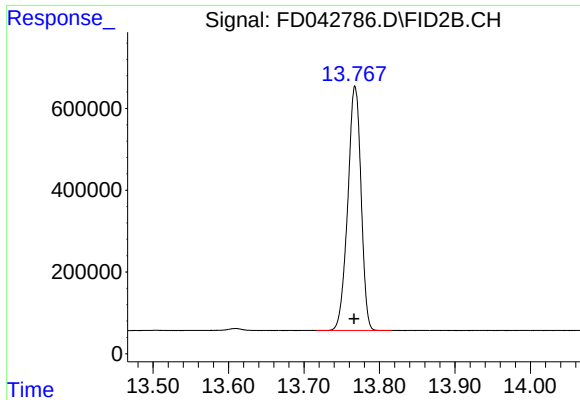
#11 n-Heneicosane (C21)

R.T.: 13.183 min
Delta R.T.: 0.002 min
Response: 7365398
Conc: 48.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.015 min
Delta R.T.: 0.001 min
Response: 5924947
Conc: 45.37 ug/ml



#13 n-Docosane (C22)

R.T.: 13.768 min
Delta R.T.: 0.001 min
Response: 7301715
Conc: 48.30 ug/ml

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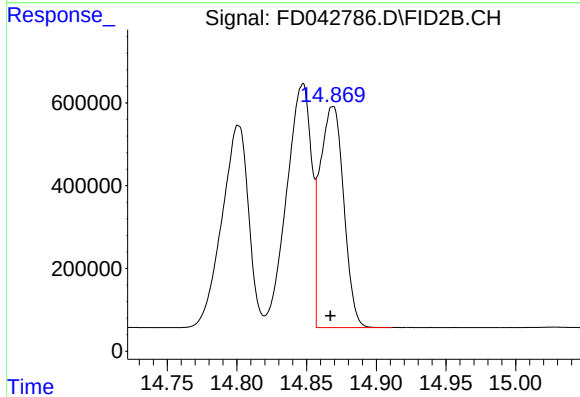
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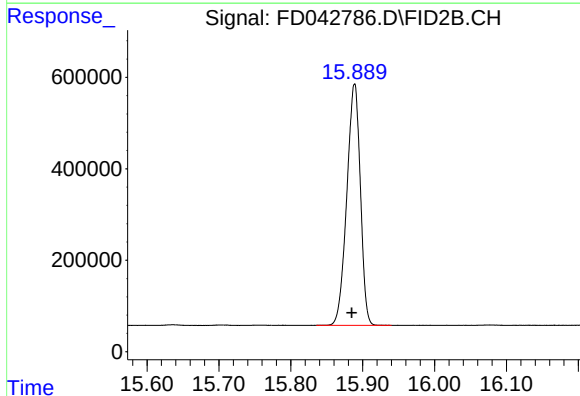
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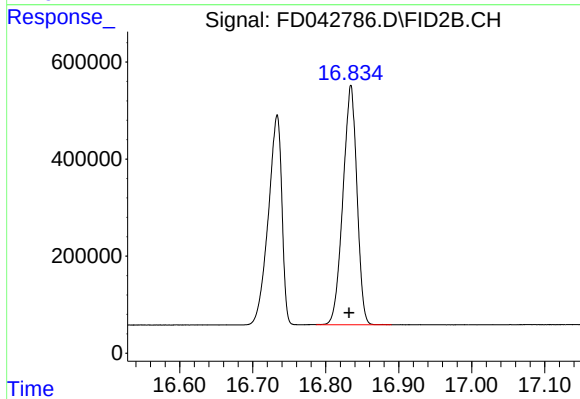
#14 n-Tetracosane (C24)

R.T.: 14.869 min
Delta R.T.: 0.002 min
Response: 6310601
Conc: 42.05 ug/ml



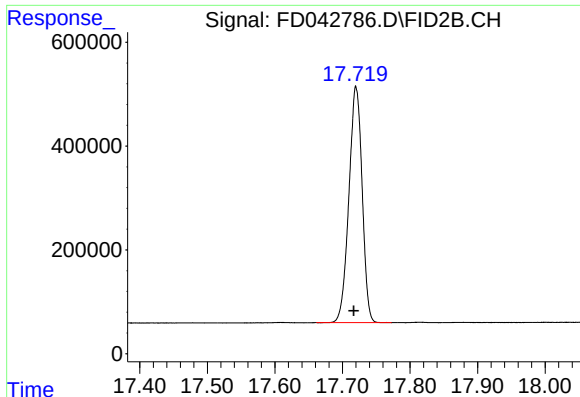
#15 n-Hexacosane (C26)

R.T.: 15.889 min
Delta R.T.: 0.004 min
Response: 6907725
Conc: 47.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.835 min
Delta R.T.: 0.002 min
Response: 6579341
Conc: 47.17 ug/ml



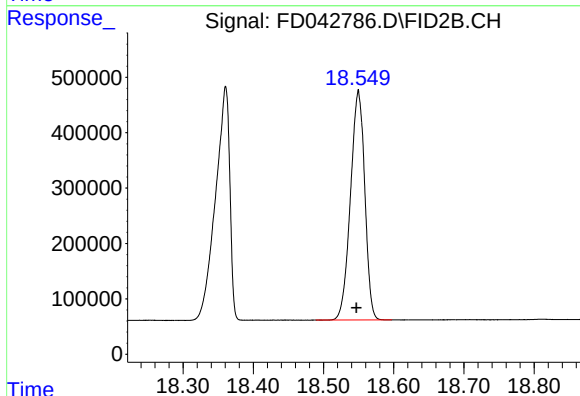
#17 n-Tricontane (C30)

R.T.: 17.720 min
Delta R.T.: 0.003 min
Response: 6196652
Conc: 47.40 ug/ml

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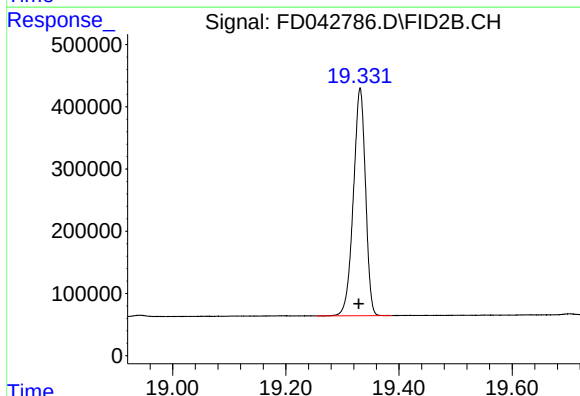
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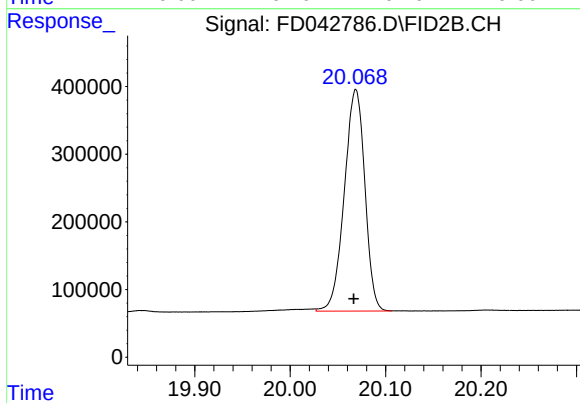
#18 n-Dotriacontane (C32)

R.T.: 18.550 min
Delta R.T.: 0.003 min
Response: 5849083
Conc: 49.54 ug/ml



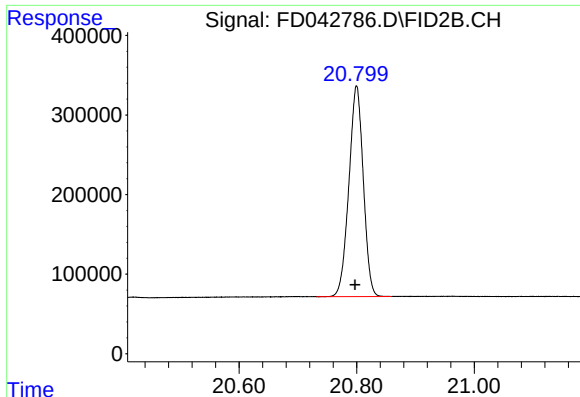
#19 n-Tetratriacontane (C34)

R.T.: 19.331 min
Delta R.T.: 0.003 min
Response: 5445591
Conc: 51.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.068 min
Delta R.T.: 0.002 min
Response: 4899238
Conc: 50.11 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: 0.003 min
Response: 4504894
Conc: 49.39 ug/ml

Instrument :

FID_D

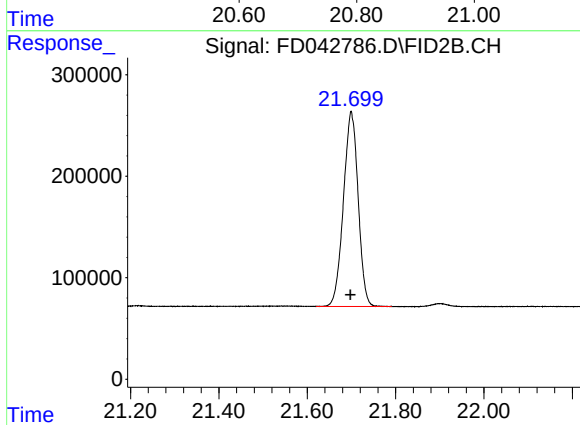
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#22 n-Tetracontane (C40)

R.T.: 21.699 min
Delta R.T.: 0.001 min
Response: 4439739
Conc: 54.79 ug/ml