

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112921AL\
 Data File : FD039667.D
 Signal(s) : FID2B.CH
 Acq On : 29 Nov 2021 12:57
 Operator : AJ\MA
 Sample : PB140998BSD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB140998BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/29/2021
 Supervised By :mohammad ahmed 11/29/2021

Integration File: autoint1.e
 Quant Time: Nov 29 13:50:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 01:36:43 2021
 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)	11.660	6074352	47.682 ug/ml
Spiked Amount 50.000		Recovery =	95.36%
12) S 1-chlorooctadecane (S...	13.086	4921419	50.030 ug/ml
Spiked Amount 50.000		Recovery =	100.06%
Target Compounds			
1) T n-Nonane (C9)	3.425	4770568	41.755 ug/ml
2) T n-Decane (C10)	4.491	5163625	44.897 ug/ml
3) T A~Naphthalene (C11.7)	6.081	5920651	46.529 ug/ml
4) T n-Dodecane (C12)	6.504	5693528	49.443 ug/ml
5) T A~2-methylnaphthalene...	7.136	5955854	46.771 ug/ml
6) T n-Tetradecane (C14)	8.299	6027834	52.020 ug/ml
7) T n-Hexadecane (C16)	9.896	6205291	53.370 ug/ml
8) T n-Octadecane (C18)	11.336	6391724	53.792 ug/ml
10) T n-Eicosane (C20)	12.642	6250290	53.269 ug/ml
11) T n-Heneicosane (C21)	13.253	6217652	52.858 ug/ml
13) T n-Docosane (C22)	13.838	6178550	53.266 ug/ml
14) T n-Tetracosane (C24)	14.936	11415713	97.827 ug/ml
15) T n-Hexacosane (C26)	15.956	5878437	53.050 ug/ml
16) T n-Octacosane (C28)	16.901	5616494	52.355 ug/ml
17) T n-Tricontane (C30)	17.786	5253043	49.280 ug/ml
18) T n-Dotriacontane (C32)	18.614	4789754	45.989 ug/ml
19) T n-Tetratriacontane (C34)	19.394	4380770	43.593 ug/ml
20) T n-Hexatriacontane (C36)	20.131	3982088	41.384 ug/mlm
21) T n-Octatriacontane (C38)	20.870	3805001	40.543 ug/mlm
22) T n-Tetracontane (C40)	21.789	3837920	39.809 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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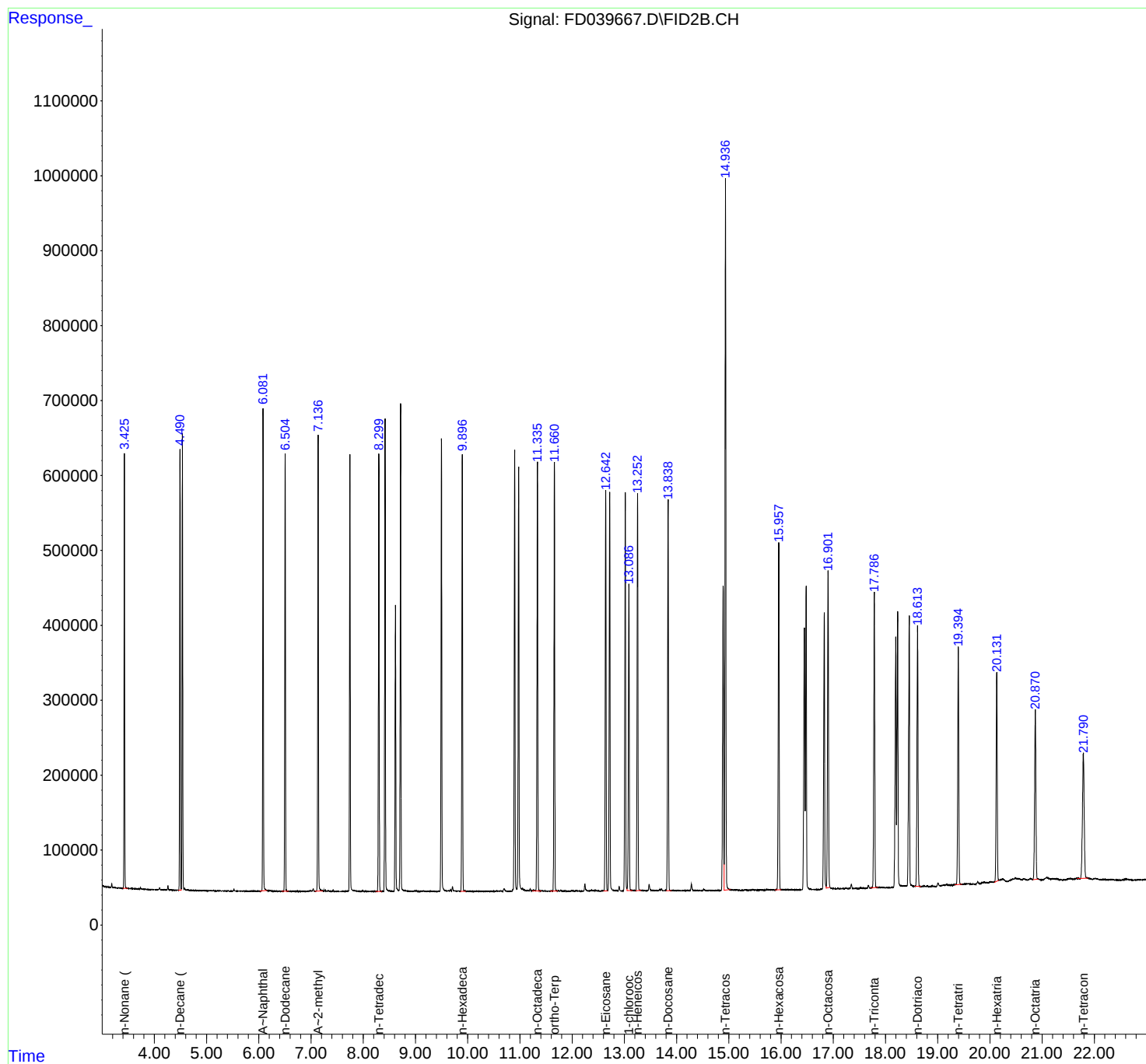
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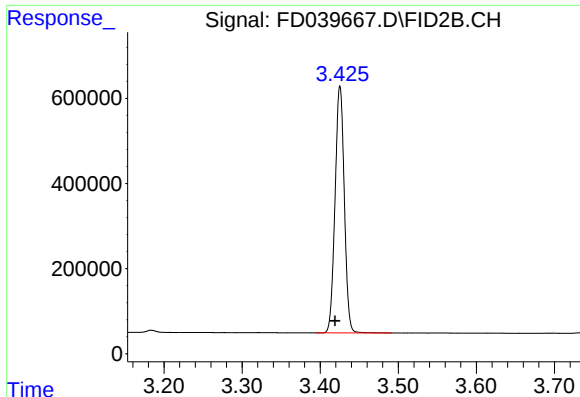
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#1 n-Nonane (C9)

R.T.: 3.425 min
Delta R.T.: 0.006 min
Response: 4770568
Conc: 41.76 ug/ml

Instrument :

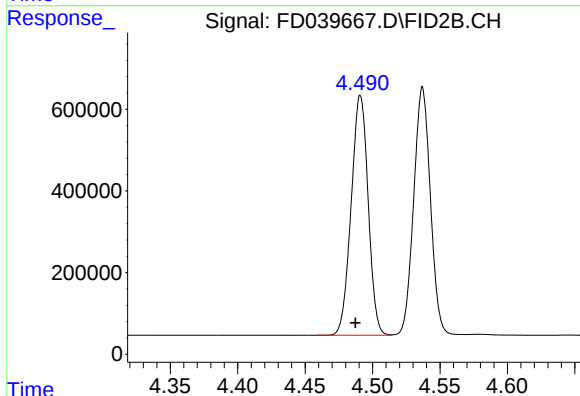
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ClientSampleId :

PB140998BSD

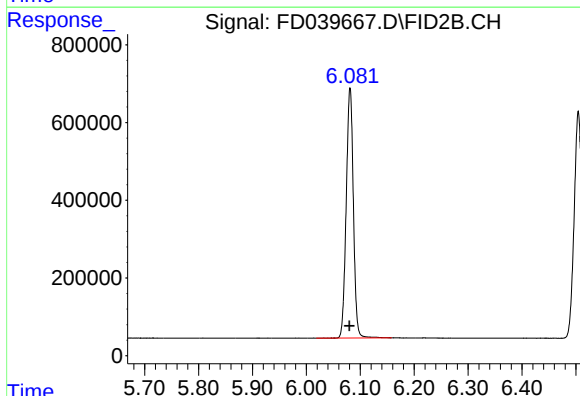
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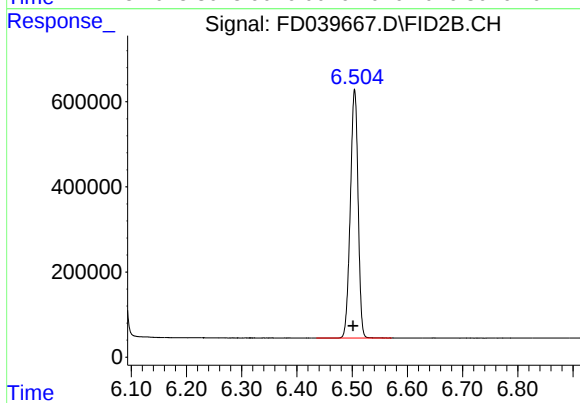
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: 0.004 min
Response: 5163625
Conc: 44.90 ug/ml



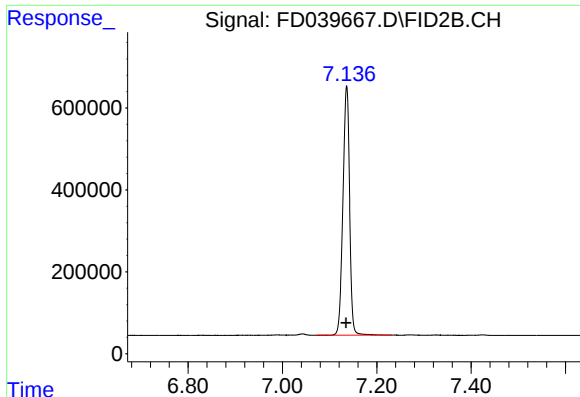
#3 A~Naphthalene (C11.7)

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 5920651
Conc: 46.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.504 min
Delta R.T.: 0.002 min
Response: 5693528
Conc: 49.44 ug/ml



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

R.T.: 7.136 min
Delta R.T.: 0.001 min
Response: 5955854
Conc: 46.77 ug/ml

Instrument :

FID_D

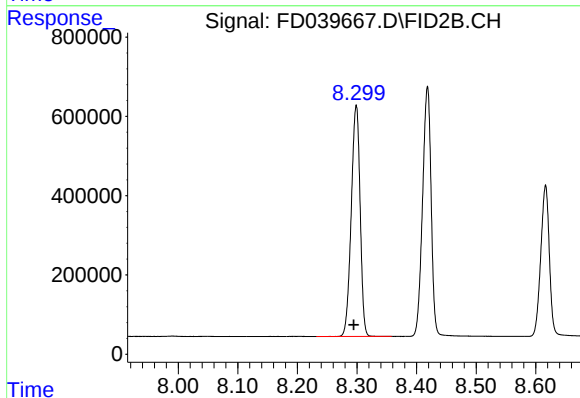
ClientSampleId :

PB140998BSD

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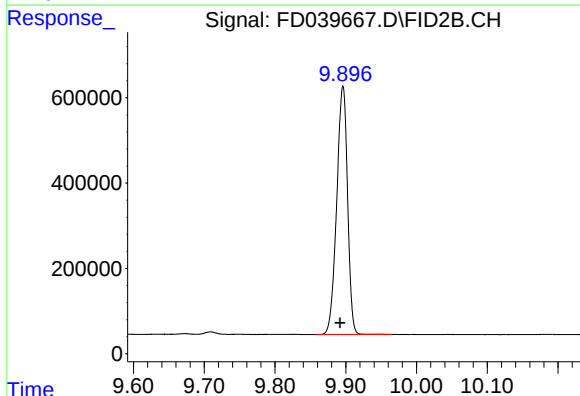
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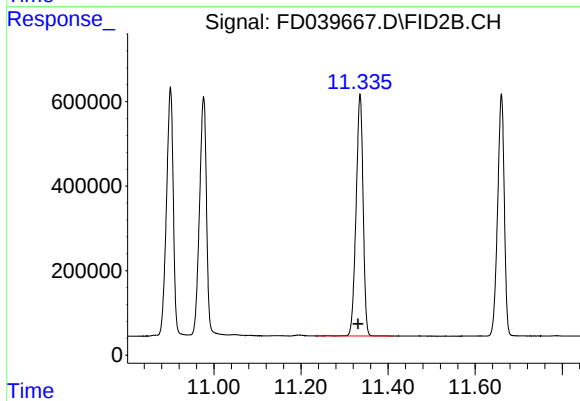
#6 n-Tetradecane (C14)

R.T.: 8.299 min
Delta R.T.: 0.004 min
Response: 6027834
Conc: 52.02 ug/ml



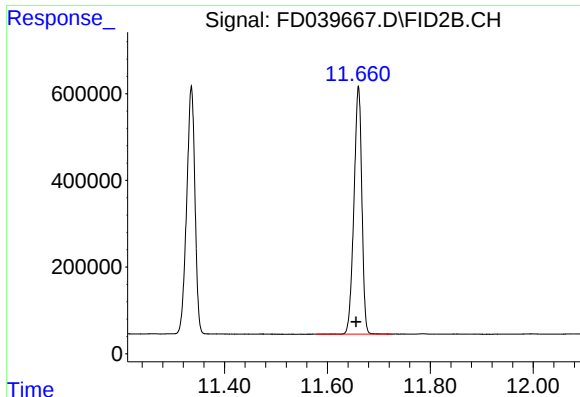
#7 n-Hexadecane (C16)

R.T.: 9.896 min
Delta R.T.: 0.004 min
Response: 6205291
Conc: 53.37 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.336 min
Delta R.T.: 0.004 min
Response: 6391724
Conc: 53.79 ug/ml



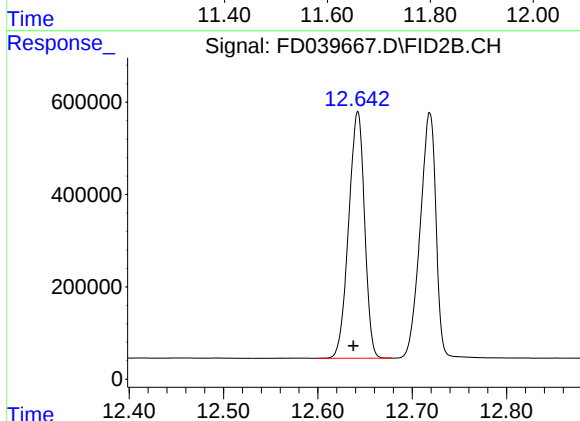
#9 ortho-Terphenyl (SURR)

R.T.: 11.660 min
Delta R.T.: 0.004 min
Response: 6074352
Conc: 47.68 ug/ml

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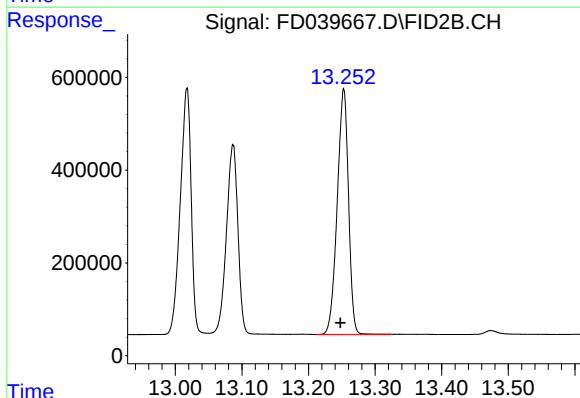
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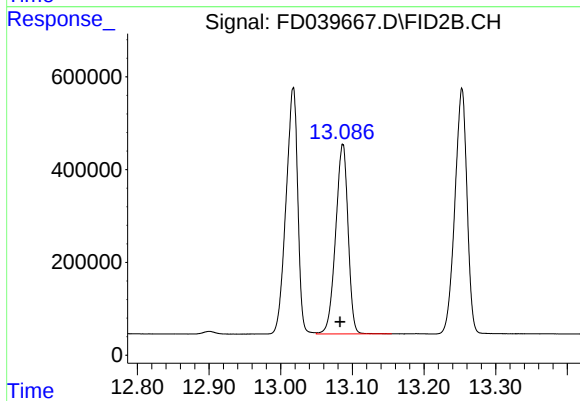
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: 0.005 min
Response: 6250290
Conc: 53.27 ug/ml



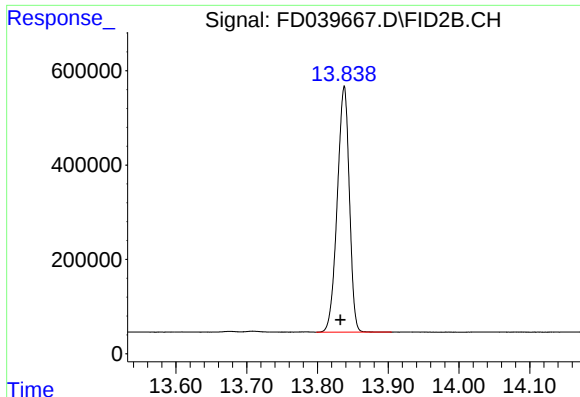
#11 n-Heneicosane (C21)

R.T.: 13.253 min
Delta R.T.: 0.005 min
Response: 6217652
Conc: 52.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.086 min
Delta R.T.: 0.004 min
Response: 4921419
Conc: 50.03 ug/ml



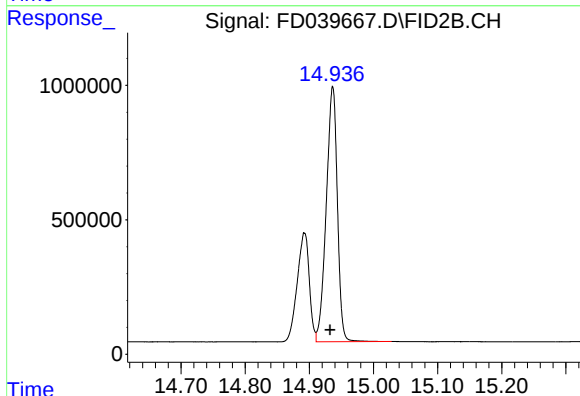
#13 n-Docosane (C22)

R.T.: 13.838 min
Delta R.T.: 0.005 min
Response: 6178550
Conc: 53.27 ug/ml

Instrument :
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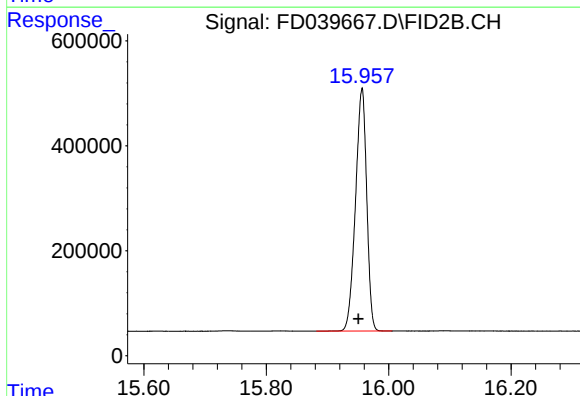
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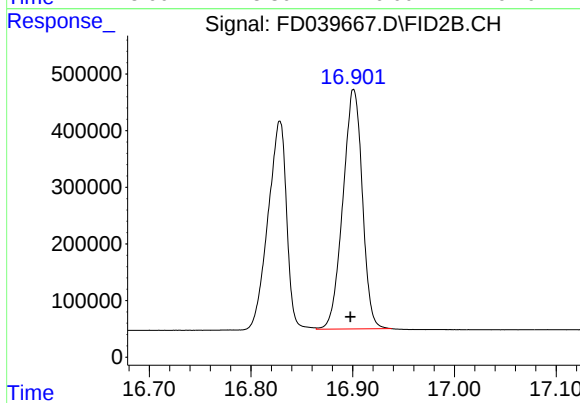
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: 0.004 min
Response: 11415713
Conc: 97.83 ug/ml



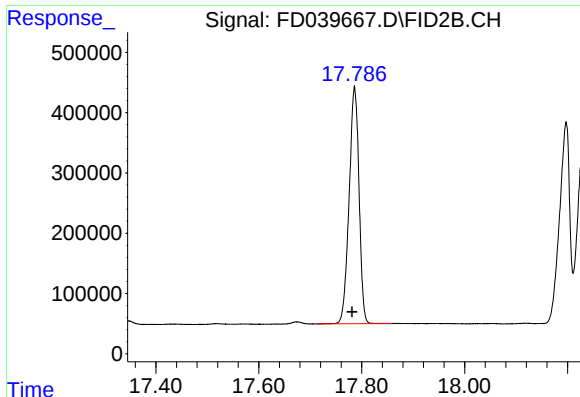
#15 n-Hexacosane (C26)

R.T.: 15.956 min
Delta R.T.: 0.006 min
Response: 5878437
Conc: 53.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.901 min
Delta R.T.: 0.003 min
Response: 5616494
Conc: 52.36 ug/ml



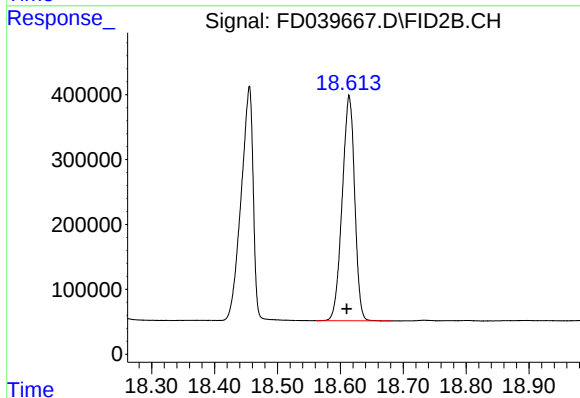
#17 n-Tricontane (C30)

R.T.: 17.786 min
Delta R.T.: 0.005 min
Response: 5253043
Conc: 49.28 ug/ml

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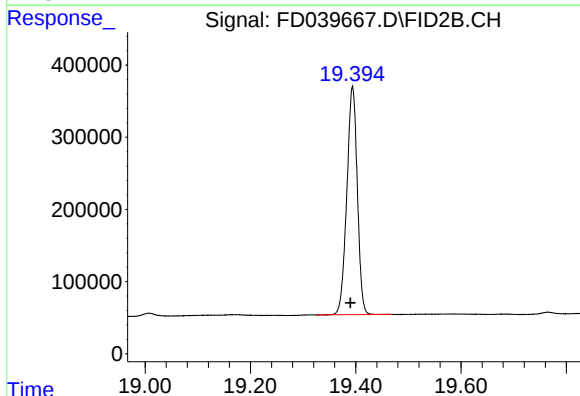
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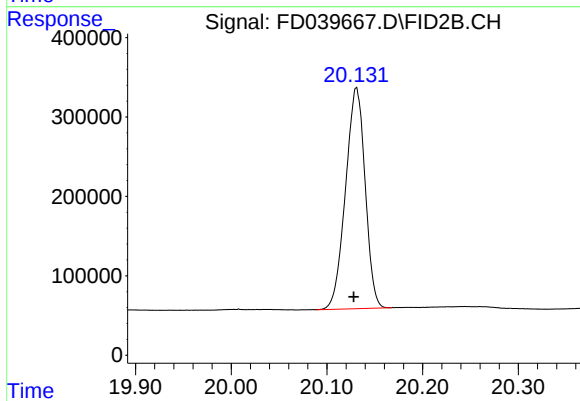
#18 n-Dotriacontane (C32)

R.T.: 18.614 min
Delta R.T.: 0.004 min
Response: 4789754
Conc: 45.99 ug/ml



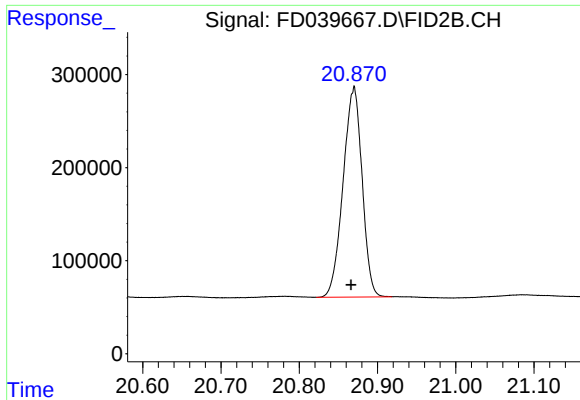
#19 n-Tetratriacontane (C34)

R.T.: 19.394 min
Delta R.T.: 0.004 min
Response: 4380770
Conc: 43.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.131 min
Delta R.T.: 0.003 min
Response: 3982088
Conc: 41.38 ug/ml m



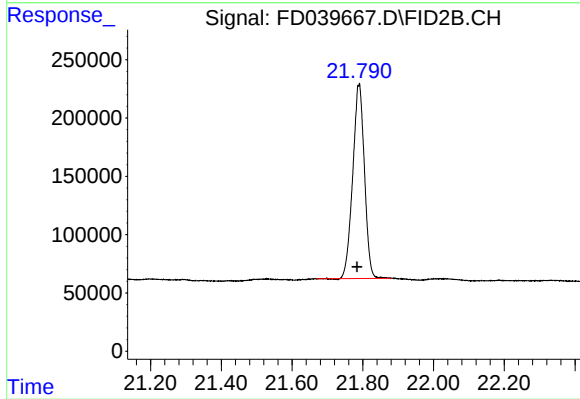
#21 n-Octatriacontane (C38)

R.T.: 20.870 min
Delta R.T.: 0.004 min
Response: 3805001
Conc: 40.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.789 min
Delta R.T.: 0.005 min
Response: 3837920
Conc: 39.81 ug/ml