

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112921AL\
 Data File : FD039668.D
 Signal(s) : FID2B.CH
 Acq On : 29 Nov 2021 13:37
 Operator : AJ\MA
 Sample : M4798-02MS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SB-1-4.5MS

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 15:24:25 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)	11.666	6189142	48.583 ug/mlm
Spiked Amount 50.000		Recovery =	97.17%
12) S 1-chlorooctadecane (S...	13.088	5097862	51.824 ug/ml
Spiked Amount 50.000		Recovery =	103.65%
Target Compounds			
1) T n-Nonane (C9)	3.442	6261877	54.808 ug/ml
2) T n-Decane (C10)	4.498	6581442	57.225 ug/ml
3) T A~Naphthalene (C11.7)	6.083	7454554	58.583 ug/mlm
4) T n-Dodecane (C12)	6.506	7287728	63.287 ug/ml
5) T A~2-methylnaphthalene...	7.139	8060071	63.296 ug/mlm
6) T n-Tetradecane (C14)	8.303	7593764	65.534 ug/mlm
7) T n-Hexadecane (C16)	9.901	7857490	67.580 ug/mlm
8) T n-Octadecane (C18)	11.341	6983729	58.774 ug/mlm
10) T n-Eicosane (C20)	12.645	7399741	63.065 ug/ml
11) T n-Heneicosane (C21)	13.255	6481081	55.097 ug/ml
13) T n-Docosane (C22)	13.839	6422160	55.366 ug/ml
14) T n-Tetracosane (C24)	14.938	11627274	99.639 ug/ml
15) T n-Hexacosane (C26)	15.956	5986084	54.021 ug/ml
16) T n-Octacosane (C28)	16.902	5645482	52.625 ug/ml
17) T n-Tricontane (C30)	17.787	5271776	49.456 ug/ml
18) T n-Dotriacontane (C32)	18.613	4756018	45.665 ug/ml
19) T n-Tetratriacontane (C34)	19.394	4330822	43.096 ug/mlm
20) T n-Hexatriacontane (C36)	20.131	4066406	42.260 ug/ml
21) T n-Octatriacontane (C38)	20.869	3969214	42.293 ug/ml
22) T n-Tetracontane (C40)	21.791	4085122	42.373 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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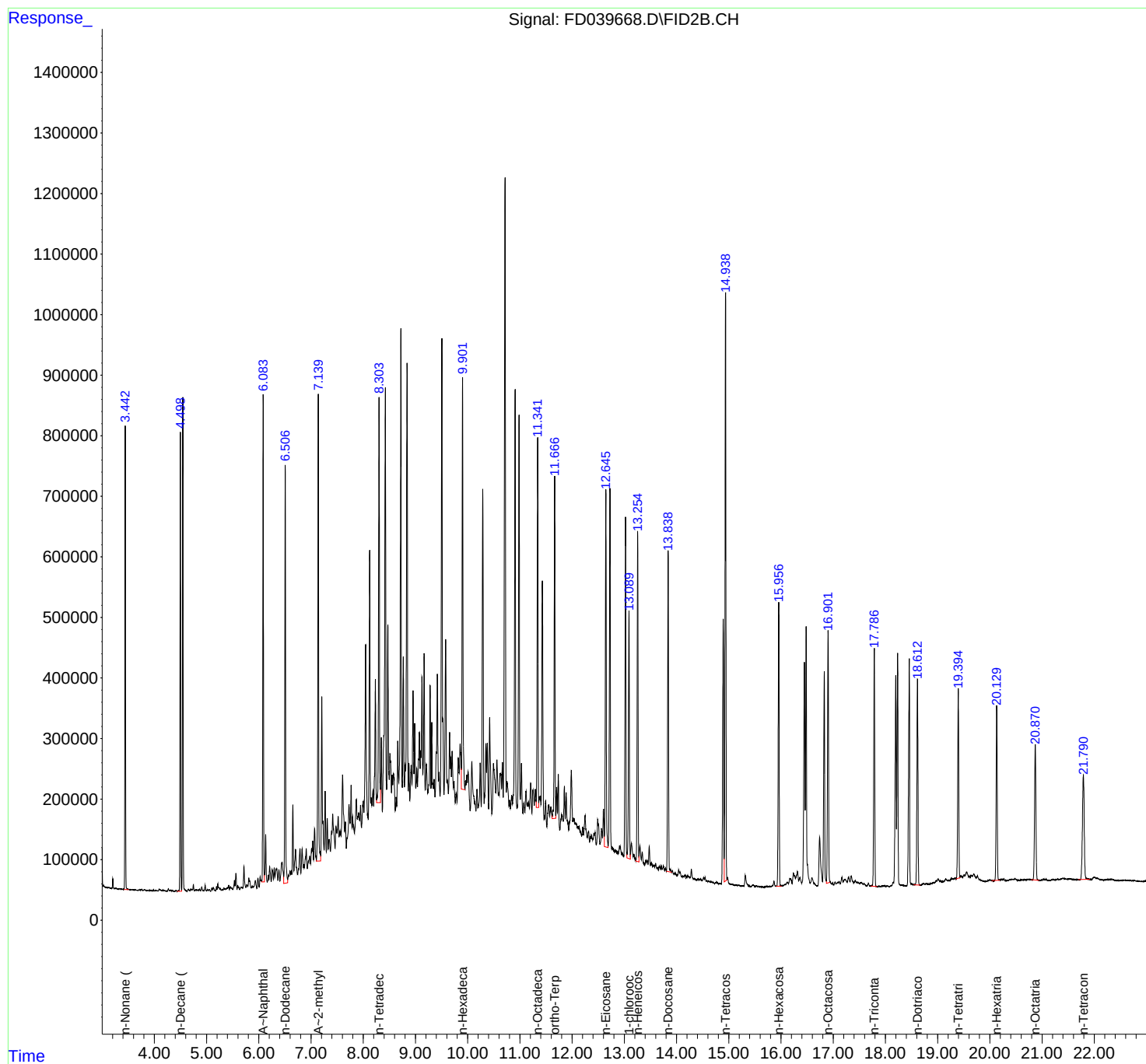
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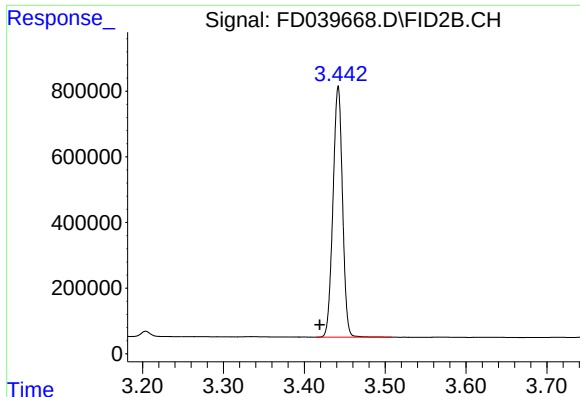
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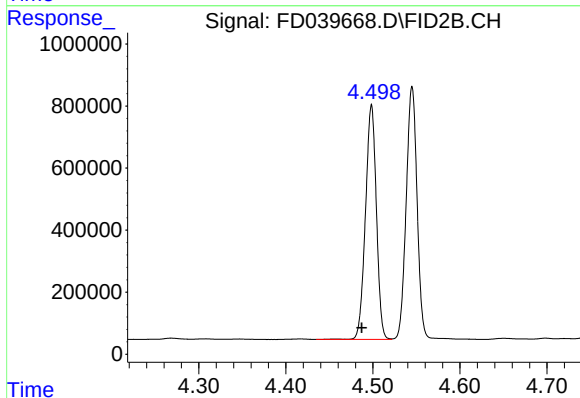
#1 n-Nonane (C9)

R.T.: 3.442 min
Delta R.T.: 0.023 min
Response: 6261877
Conc: 54.81 ug/ml

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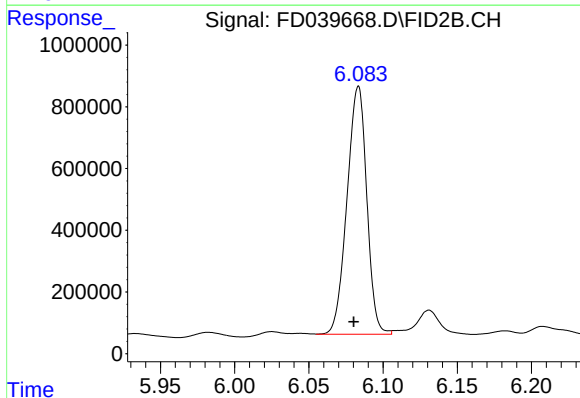
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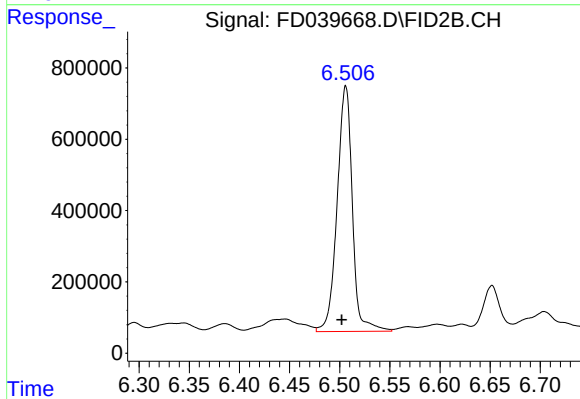
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: 0.011 min
Response: 6581442
Conc: 57.23 ug/ml



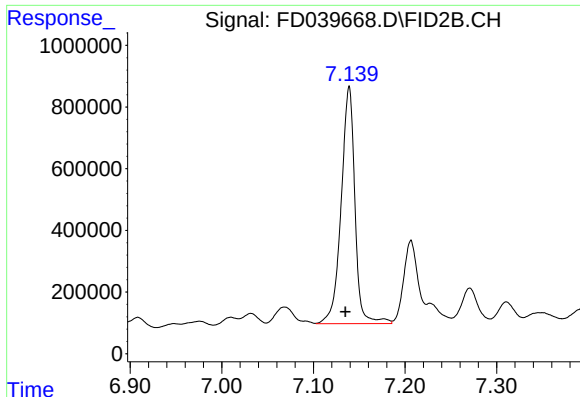
#3 A~Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: 0.003 min
Response: 7454554
Conc: 58.58 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: 0.004 min
Response: 7287728
Conc: 63.29 ug/ml



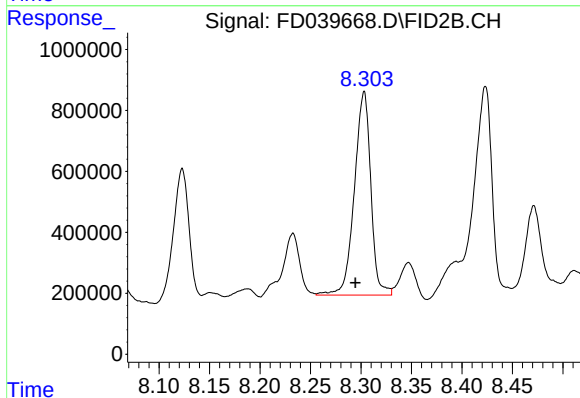
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.139 min
Delta R.T.: 0.004 min
Response: 8060071
Conc: 63.30 ug/ml

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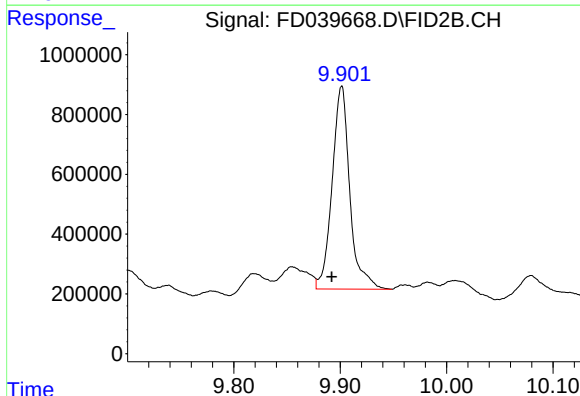
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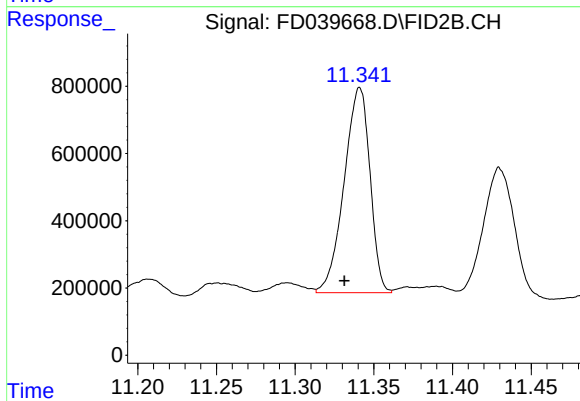
#6 n-Tetradecane (C14)

R.T.: 8.303 min
Delta R.T.: 0.008 min
Response: 7593764
Conc: 65.53 ug/ml m



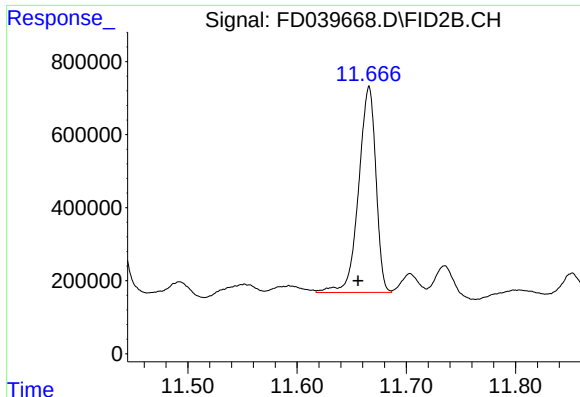
#7 n-Hexadecane (C16)

R.T.: 9.901 min
Delta R.T.: 0.009 min
Response: 7857490
Conc: 67.58 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.341 min
Delta R.T.: 0.009 min
Response: 6983729
Conc: 58.77 ug/ml m



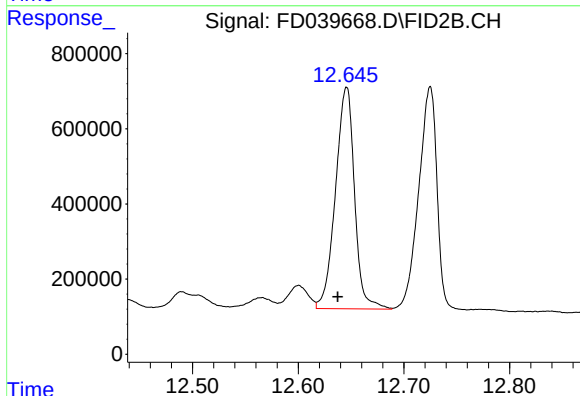
#9 ortho-Terphenyl (SURR)

R.T.: 11.666 min
Delta R.T.: 0.010 min
Response: 6189142
Conc: 48.58 ug/ml

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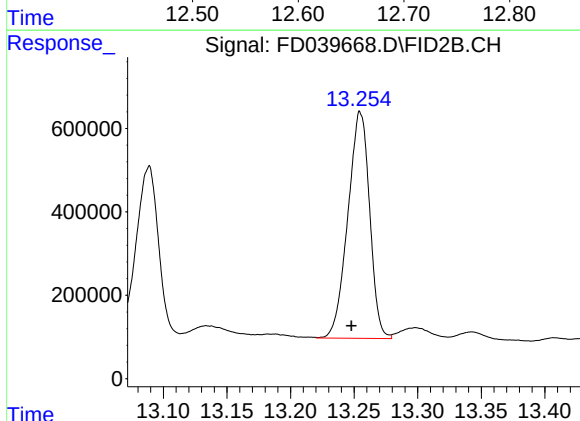
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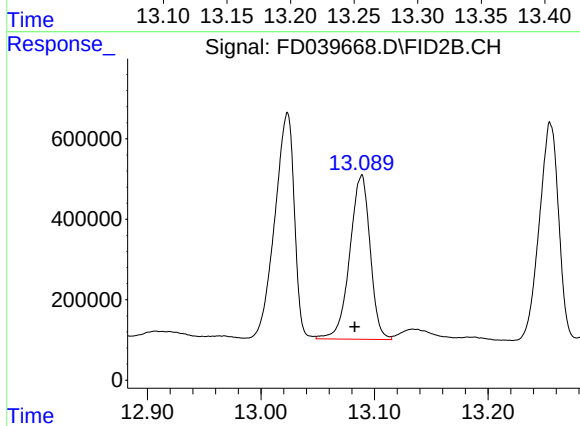
#10 n-Eicosane (C20)

R.T.: 12.645 min
Delta R.T.: 0.008 min
Response: 7399741
Conc: 63.07 ug/ml



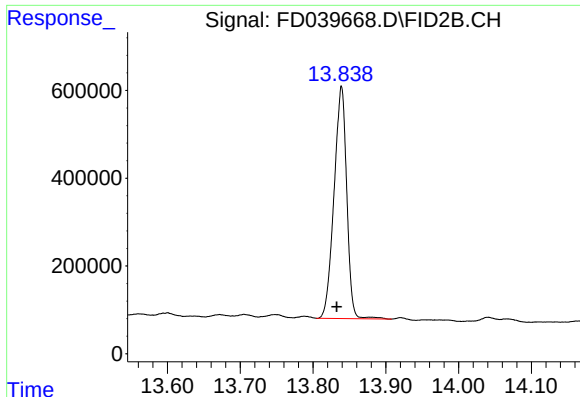
#11 n-Heneicosane (C21)

R.T.: 13.255 min
Delta R.T.: 0.007 min
Response: 6481081
Conc: 55.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.088 min
Delta R.T.: 0.006 min
Response: 5097862
Conc: 51.82 ug/ml



#13 n-Docosane (C22)

R.T.: 13.839 min
Delta R.T.: 0.006 min
Response: 6422160
Conc: 55.37 ug/ml

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FID_D

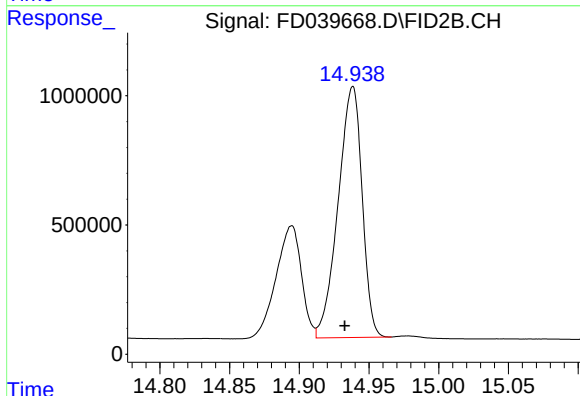
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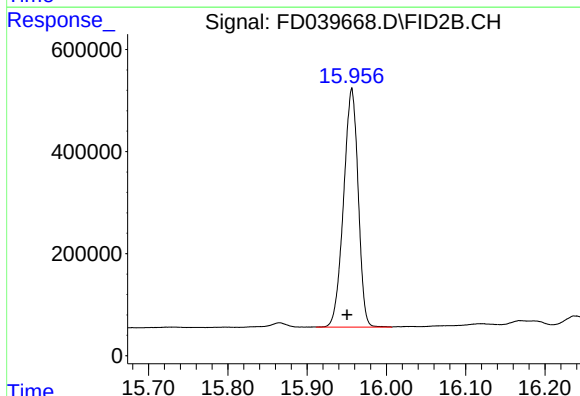
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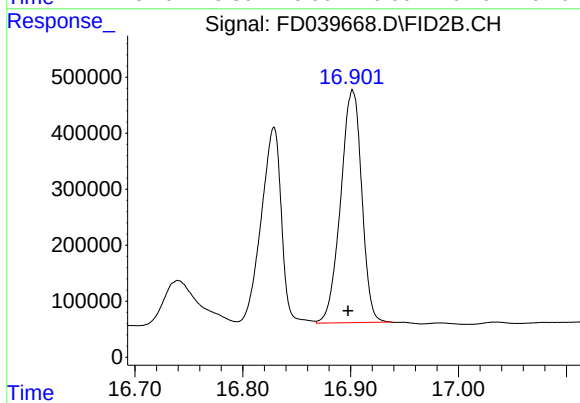
#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: 0.005 min
Response: 11627274
Conc: 99.64 ug/ml



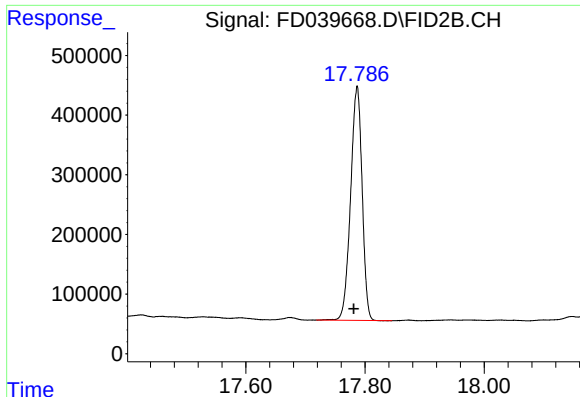
#15 n-Hexacosane (C26)

R.T.: 15.956 min
Delta R.T.: 0.006 min
Response: 5986084
Conc: 54.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.902 min
Delta R.T.: 0.004 min
Response: 5645482
Conc: 52.63 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.787 min
Delta R.T.: 0.006 min
Response: 5271776
Conc: 49.46 ug/ml

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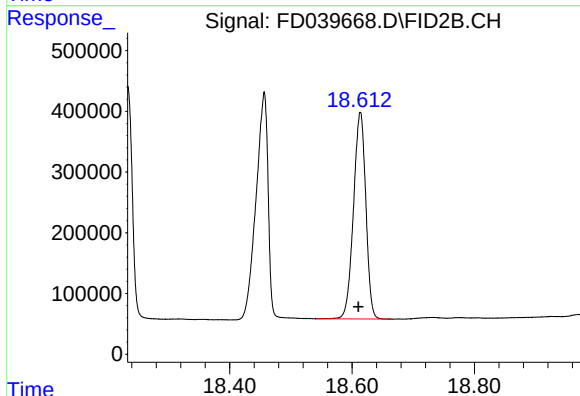
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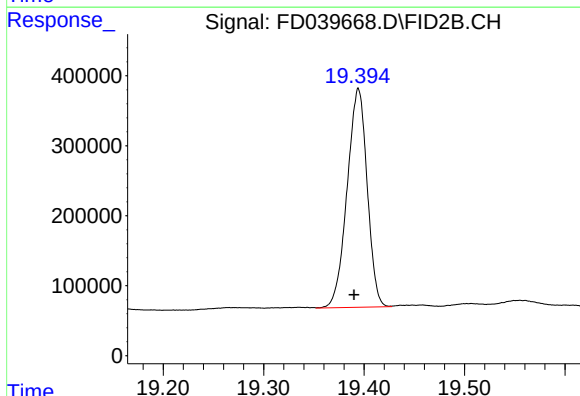
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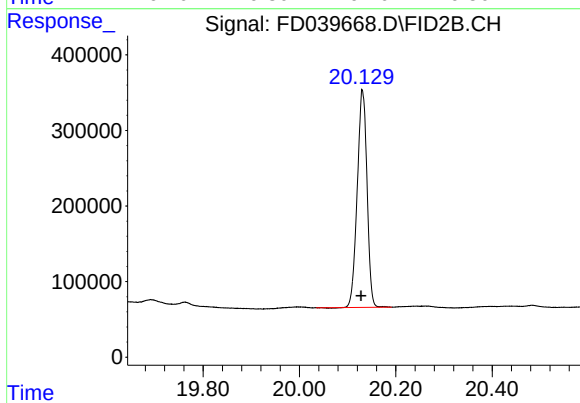
#18 n-Dotriacontane (C32)

R.T.: 18.613 min
Delta R.T.: 0.003 min
Response: 4756018
Conc: 45.66 ug/ml



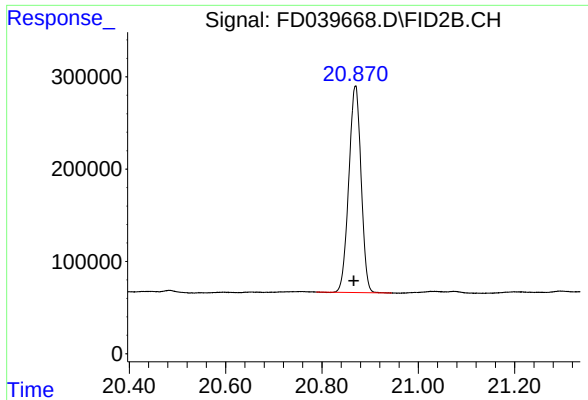
#19 n-Tetratriacontane (C34)

R.T.: 19.394 min
Delta R.T.: 0.004 min
Response: 4330822
Conc: 43.10 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.131 min
Delta R.T.: 0.003 min
Response: 4066406
Conc: 42.26 ug/ml



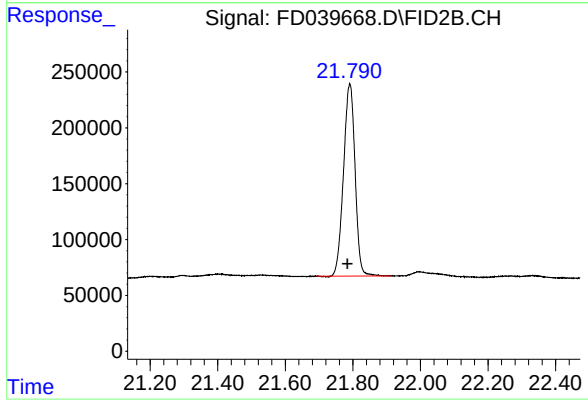
#21 n-Octatriacontane (C38)

R.T.: 20.869 min
Delta R.T.: 0.003 min
Response: 3969214
Conc: 42.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.791 min
Delta R.T.: 0.007 min
Response: 4085122
Conc: 42.37 ug/ml