

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111921AL\
 Data File : FD039553.D
 Signal(s) : FID2B.CH
 Acq On : 20 Nov 2021 5:07
 Operator : AJ\MA
 Sample : M4758-01MSD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP1MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/22/2021
 Supervised By :Sohil Jodhani 11/22/2021

Integration File: autoint1.e
 Quant Time: Nov 20 06:28:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 04:49:08 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	4595626	36.019 ug/ml
Spiked Amount 50.000		Recovery =	72.04%
12) S 1-chlorooctadecane (S...	13.086	3726556	35.858 ug/ml
Spiked Amount 50.000		Recovery =	71.72%
Target Compounds			
1) T n-Nonane (C9)	3.418	3989879	34.315 ug/mlm
2) T n-Decane (C10)	4.491	4670625	39.951 ug/ml
3) T A~Naphthalene (C11.7)	6.083	5349482	41.508 ug/ml
4) T n-Dodecane (C12)	6.507	5095882	43.067 ug/ml
5) T A~2-methylnaphthalene...	7.139	5387051	41.018 ug/ml
6) T n-Tetradecane (C14)	8.301	5629917	47.765 ug/ml
7) T n-Hexadecane (C16)	9.898	6160278	51.408 ug/ml
8) T n-Octadecane (C18)	11.337	6463122	52.809 ug/ml
10) T n-Eicosane (C20)	12.644	6284735	50.959 ug/ml
11) T n-Heneicosane (C21)	13.253	6186844	49.405 ug/ml
13) T n-Docosane (C22)	13.837	6130917	49.362 ug/ml
14) T n-Tetracosane (C24)	14.937	11552624	93.064 ug/ml
15) T n-Hexacosane (C26)	15.956	5811510	47.307 ug/ml
16) T n-Octacosane (C28)	16.901	5570861	47.852 ug/ml
17) T n-Tricontane (C30)	17.786	5538782	47.021 ug/ml
18) T n-Dotriacontane (C32)	18.613	5376960	47.029 ug/ml
19) T n-Tetratriacontane (C34)	19.393	5074073	47.871 ug/ml
20) T n-Hexatriacontane (C36)	20.130	4671850	45.862 ug/ml
21) T n-Octatriacontane (C38)	20.869	4455845	46.433 ug/ml
22) T n-Tetracontane (C40)	21.789	4520595	49.002 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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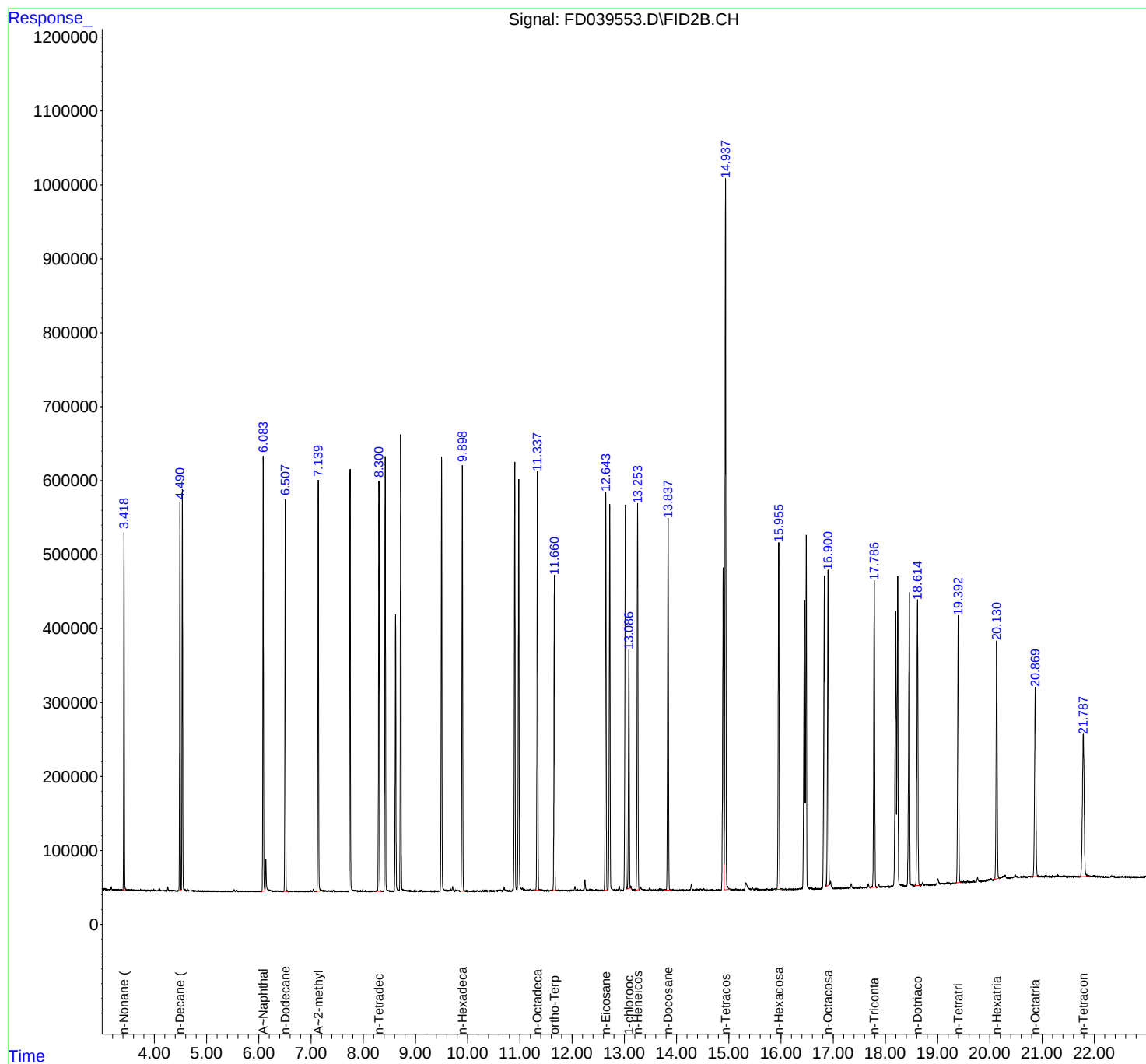
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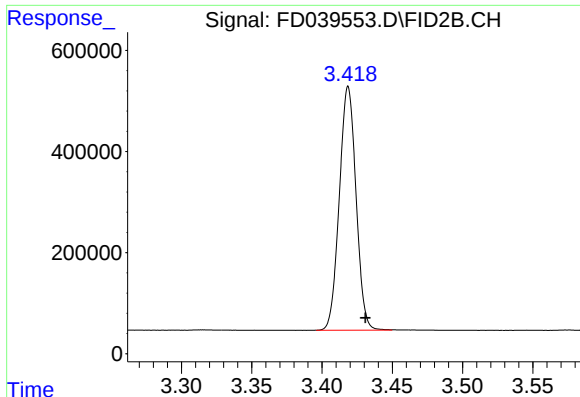
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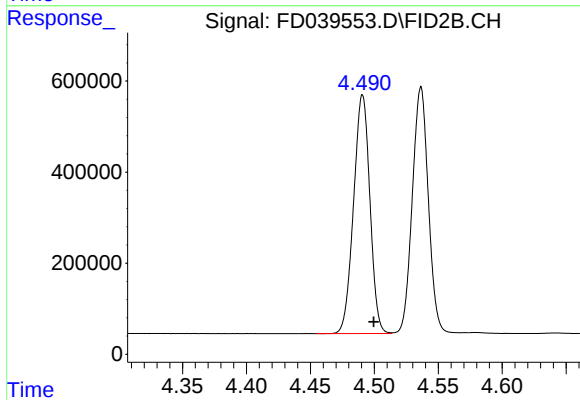
#1 n-Nonane (C9)

R.T.: 3.418 min
Delta R.T.: -0.013 min
Response: 3989879
Conc: 34.32 ug/ml

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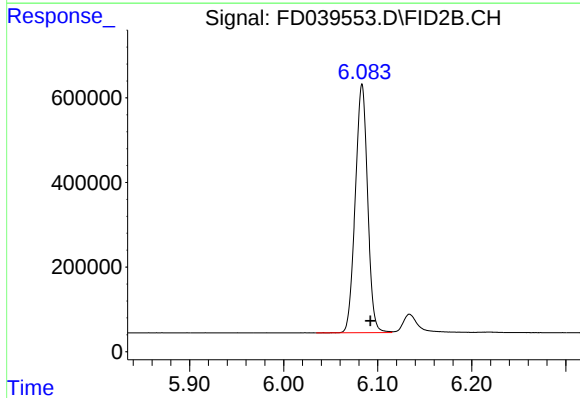
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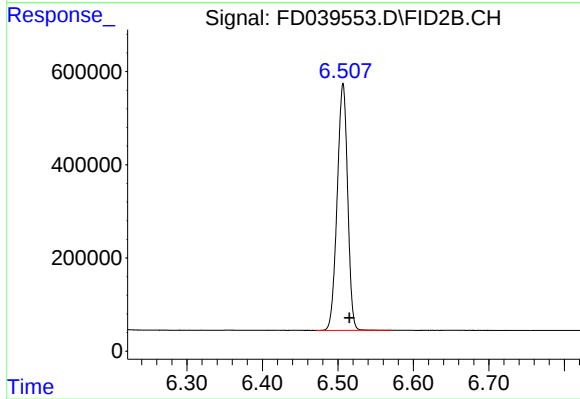
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: -0.009 min
Response: 4670625
Conc: 39.95 ug/ml



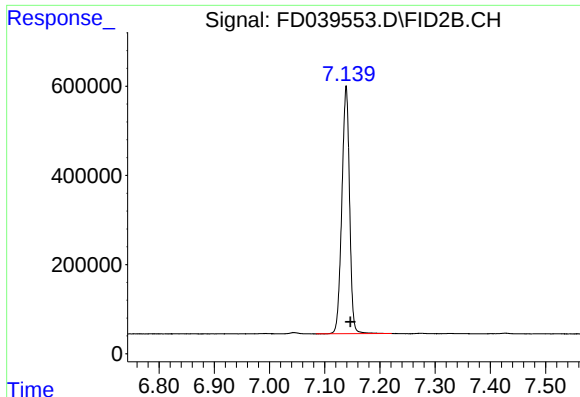
#3 A~Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: -0.009 min
Response: 5349482
Conc: 41.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.507 min
Delta R.T.: -0.008 min
Response: 5095882
Conc: 43.07 ug/ml



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

R.T.: 7.139 min
Delta R.T.: -0.008 min
Response: 5387051
Conc: 41.02 ug/ml

Instrument :

FID_D

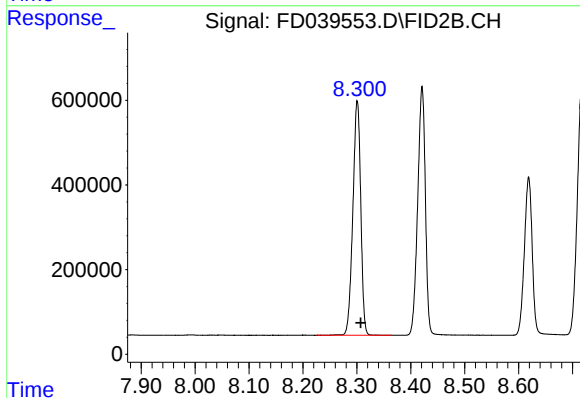
ClientSampleId :

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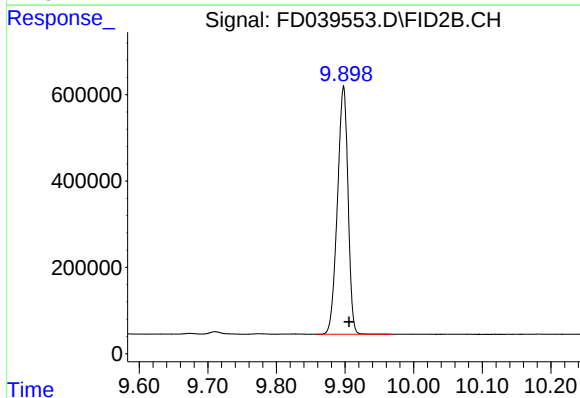
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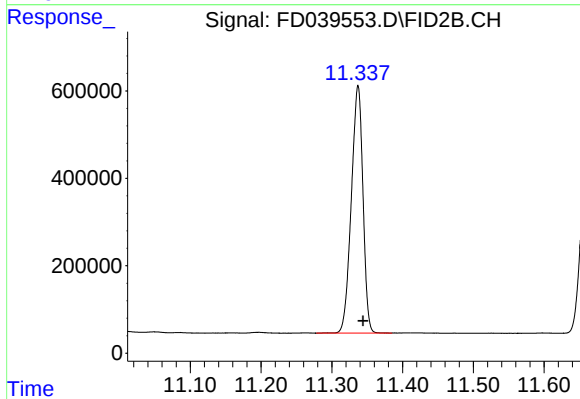
#6 n-Tetradecane (C14)

R.T.: 8.301 min
Delta R.T.: -0.007 min
Response: 5629917
Conc: 47.76 ug/ml



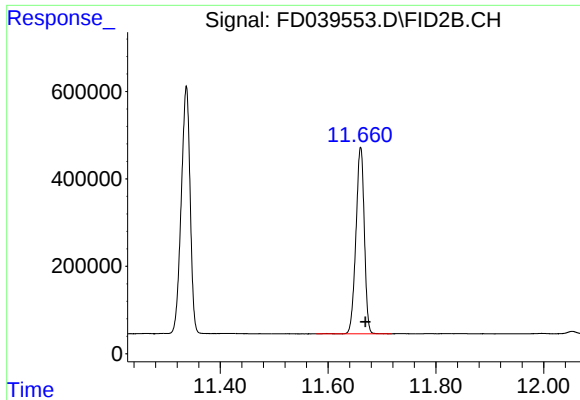
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: -0.008 min
Response: 6160278
Conc: 51.41 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: -0.007 min
Response: 6463122
Conc: 52.81 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.660 min
Delta R.T.: -0.009 min
Response: 4595626
Conc: 36.02 ug/ml

Instrument :

FID_D

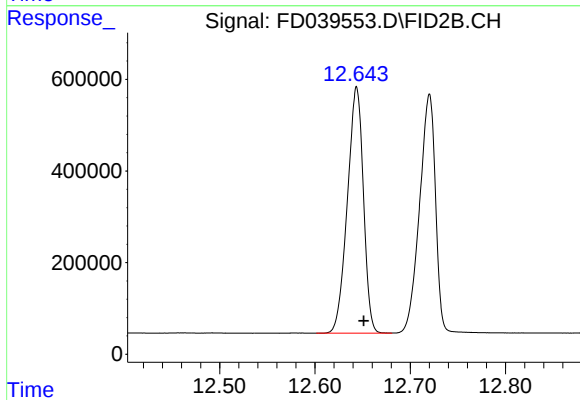
ClientSampleId :

TP1MSD

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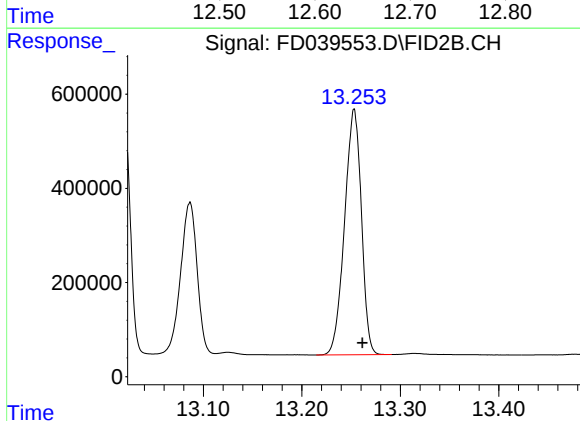
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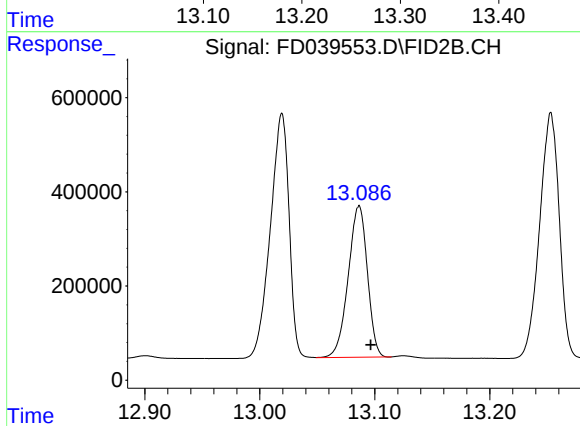
#10 n-Eicosane (C20)

R.T.: 12.644 min
Delta R.T.: -0.007 min
Response: 6284735
Conc: 50.96 ug/ml



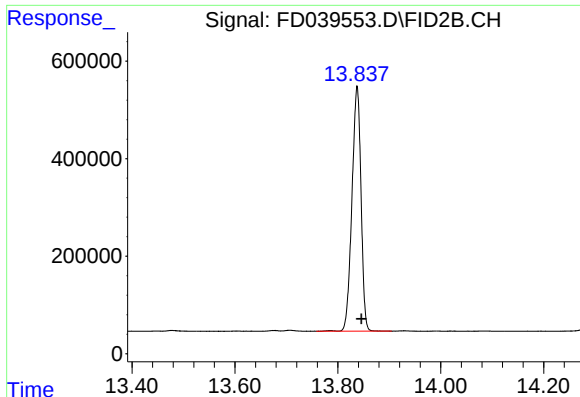
#11 n-Heneicosane (C21)

R.T.: 13.253 min
Delta R.T.: -0.008 min
Response: 6186844
Conc: 49.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.086 min
Delta R.T.: -0.010 min
Response: 3726556
Conc: 35.86 ug/ml



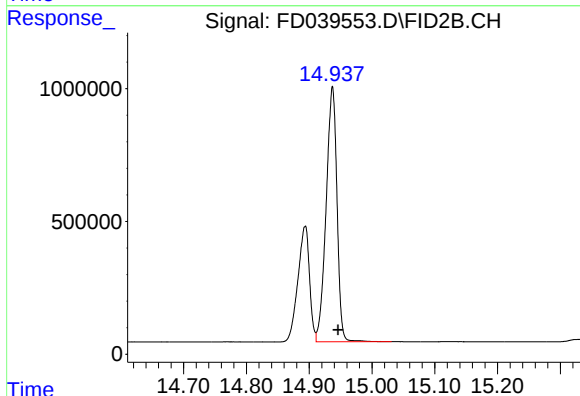
#13 n-Docosane (C22)

R.T.: 13.837 min
Delta R.T.: -0.009 min
Response: 6130917
Conc: 49.36 ug/ml

Instrument :
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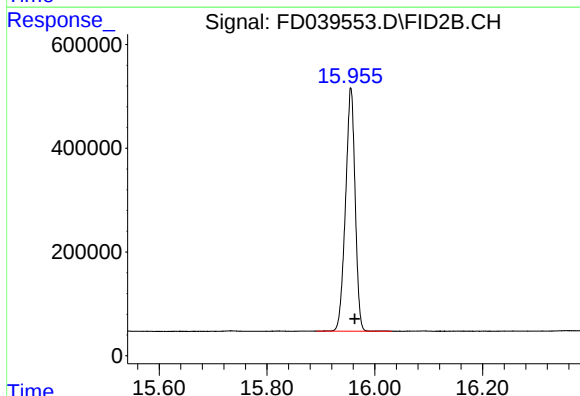
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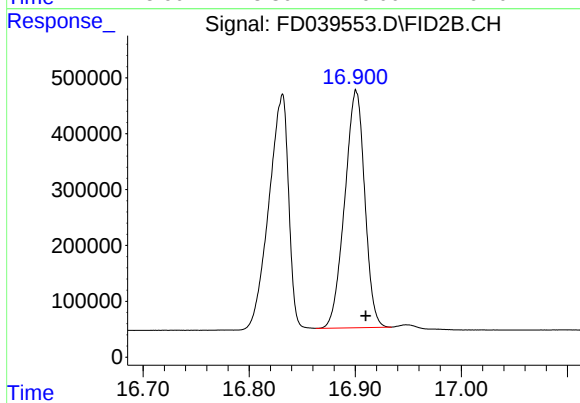
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.009 min
Response: 11552624
Conc: 93.06 ug/ml



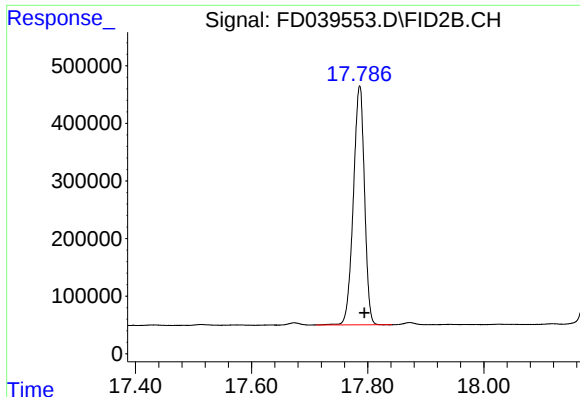
#15 n-Hexacosane (C26)

R.T.: 15.956 min
Delta R.T.: -0.008 min
Response: 5811510
Conc: 47.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.901 min
Delta R.T.: -0.009 min
Response: 5570861
Conc: 47.85 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.786 min
Delta R.T.: -0.008 min
Response: 5538782
Conc: 47.02 ug/ml

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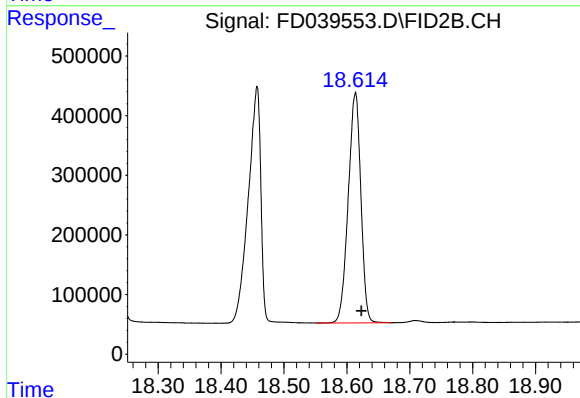
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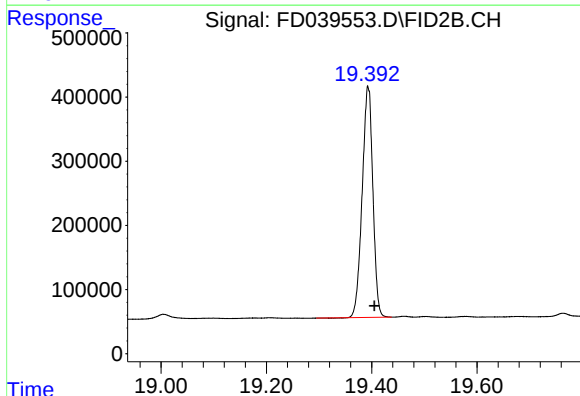
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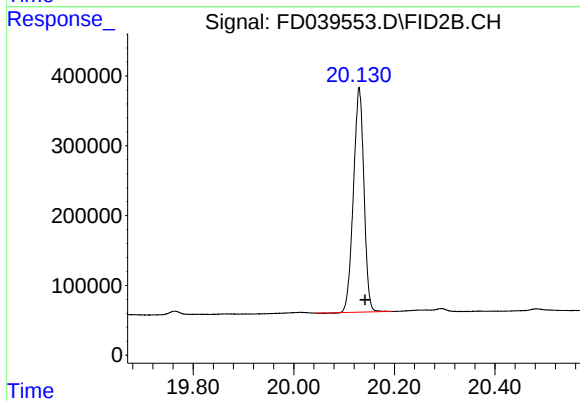
#18 n-Dotriacontane (C32)

R.T.: 18.613 min
Delta R.T.: -0.010 min
Response: 5376960
Conc: 47.03 ug/ml



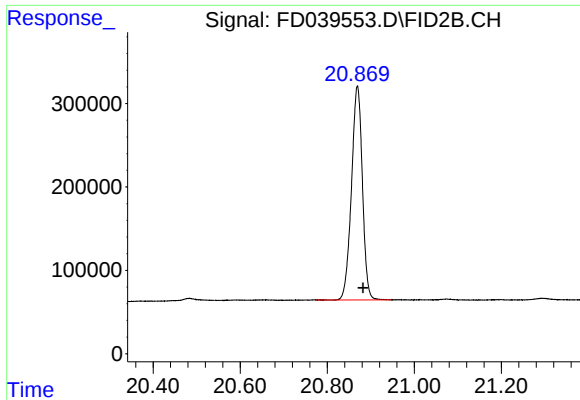
#19 n-Tetratriacontane (C34)

R.T.: 19.393 min
Delta R.T.: -0.012 min
Response: 5074073
Conc: 47.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.130 min
Delta R.T.: -0.012 min
Response: 4671850
Conc: 45.86 ug/ml



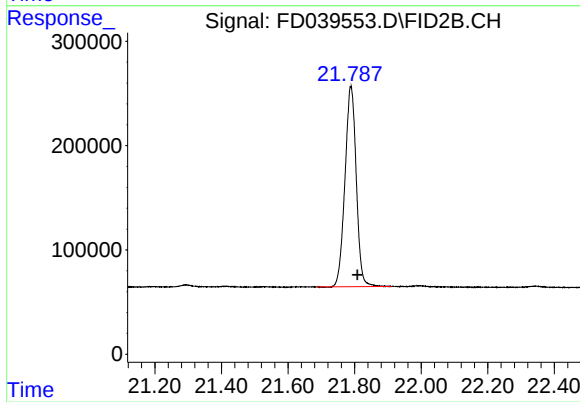
#21 n-Octatriacontane (C38)

R.T.: 20.869 min
Delta R.T.: -0.013 min
Response: 4455845
Conc: 46.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.789 min
Delta R.T.: -0.020 min
Response: 4520595
Conc: 49.00 ug/ml