

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112921AL\
 Data File : FD039666.D
 Signal(s) : FID2B.CH
 Acq On : 29 Nov 2021 12:18
 Operator : AJ\MA
 Sample : PB140998BS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB140998BS

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 12:44:45 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)	11.659	5977065	46.918 ug/ml
Spiked Amount 50.000		Recovery =	93.84%
12) S 1-chlorooctadecane (S...	13.086	4855592	49.361 ug/ml
Spiked Amount 50.000		Recovery =	98.72%
Target Compounds			
1) T n-Nonane (C9)	3.424	4730180	41.402 ug/ml
2) T n-Decane (C10)	4.490	5095312	44.303 ug/ml
3) T A~Naphthalene (C11.7)	6.080	5877150	46.187 ug/ml
4) T n-Dodecane (C12)	6.504	5634389	48.929 ug/ml
5) T A~2-methylnaphthalene...	7.135	5879816	46.174 ug/ml
6) T n-Tetradecane (C14)	8.298	5955057	51.392 ug/ml
7) T n-Hexadecane (C16)	9.895	6108665	52.538 ug/ml
8) T n-Octadecane (C18)	11.335	6290209	52.937 ug/ml
10) T n-Eicosane (C20)	12.642	6156603	52.470 ug/ml
11) T n-Heneicosane (C21)	13.252	6115233	51.987 ug/ml
13) T n-Docosane (C22)	13.836	6088112	52.486 ug/ml
14) T n-Tetracosane (C24)	14.935	11260526	96.497 ug/ml
15) T n-Hexacosane (C26)	15.955	5811269	52.444 ug/ml
16) T n-Octacosane (C28)	16.901	5588389	52.093 ug/ml
17) T n-Tricontane (C30)	17.786	5219115	48.962 ug/ml
18) T n-Dotriacontane (C32)	18.614	4764256	45.744 ug/ml
19) T n-Tetratriacontane (C34)	19.393	4378985	43.575 ug/ml
20) T n-Hexatriacontane (C36)	20.130	4014167	41.717 ug/ml
21) T n-Octatriacontane (C38)	20.868	3762504	40.091 ug/mlm
22) T n-Tetracontane (C40)	21.789	3919974	40.660 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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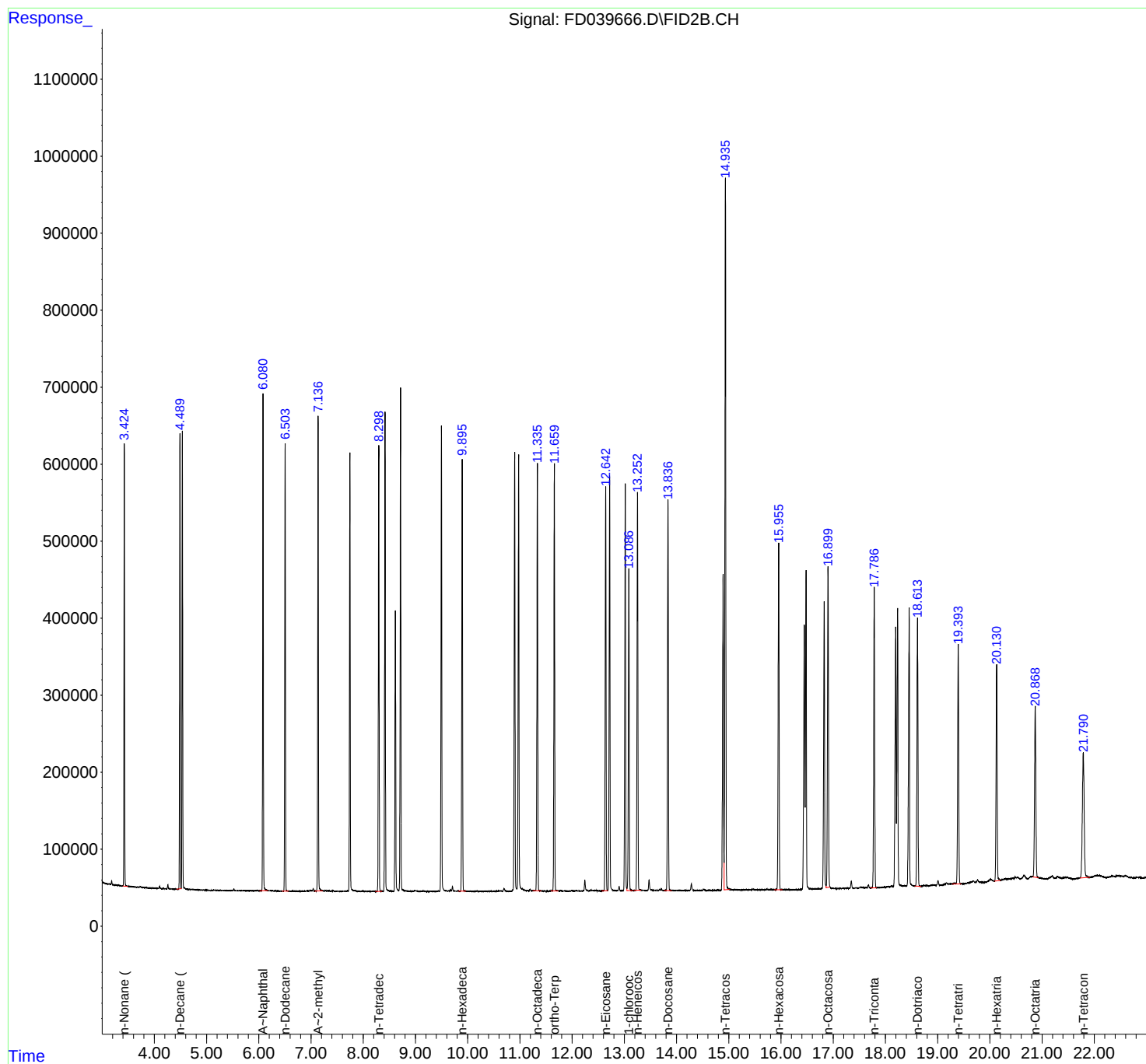
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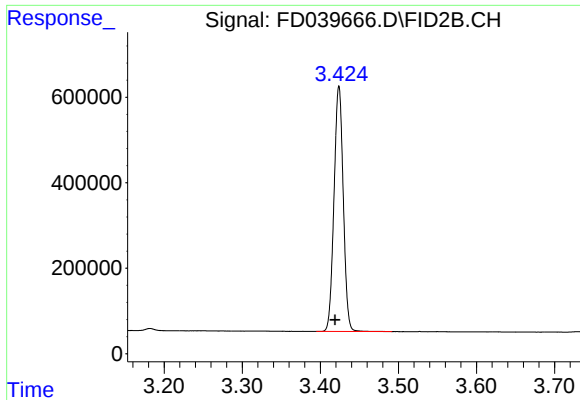
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#1 n-Nonane (C9)

R.T.: 3.424 min
Delta R.T.: 0.005 min
Response: 4730180
Conc: 41.40 ug/ml

Instrument :

FID_D

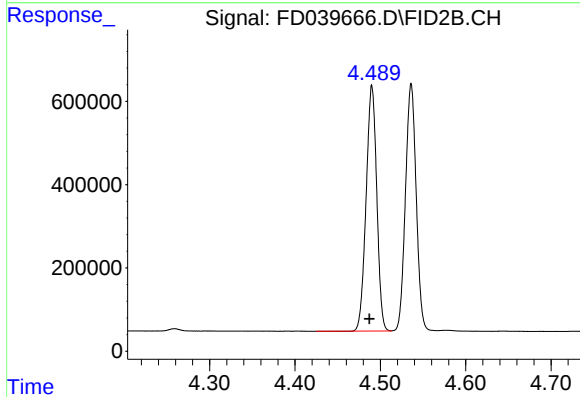
ClientSampleId :

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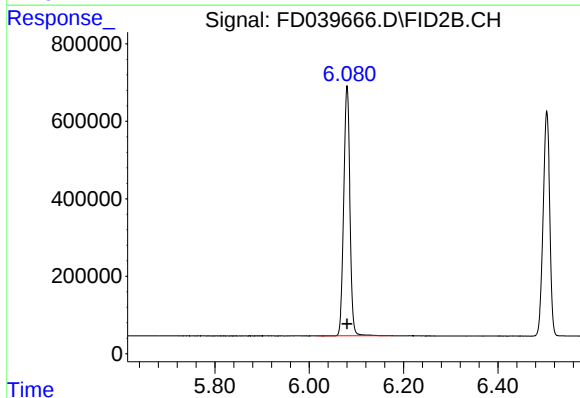
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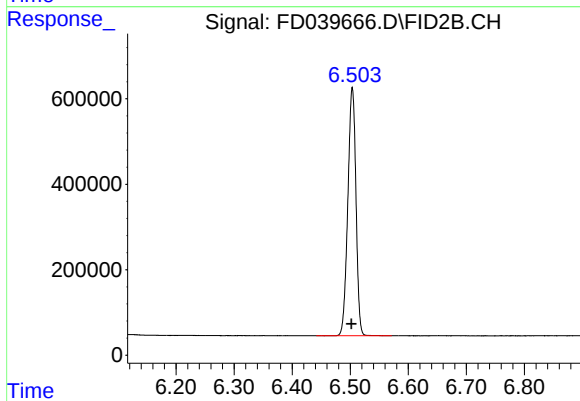
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: 0.003 min
Response: 5095312
Conc: 44.30 ug/ml



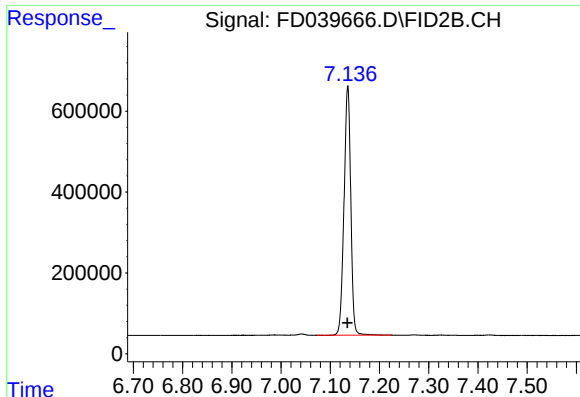
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 5877150
Conc: 46.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.504 min
Delta R.T.: 0.002 min
Response: 5634389
Conc: 48.93 ug/ml



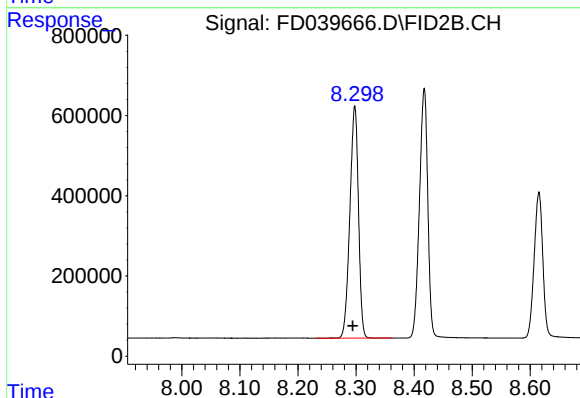
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 5879816
Conc: 46.17 ug/ml

Instrument :
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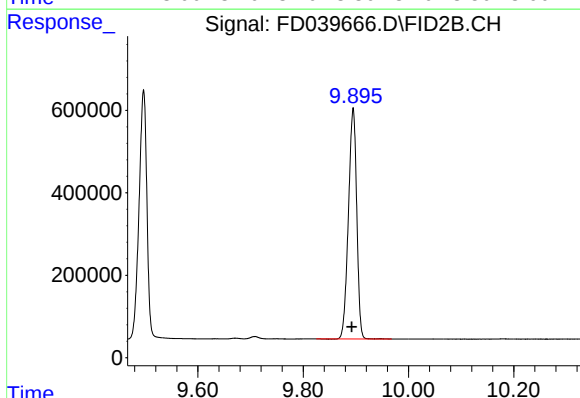
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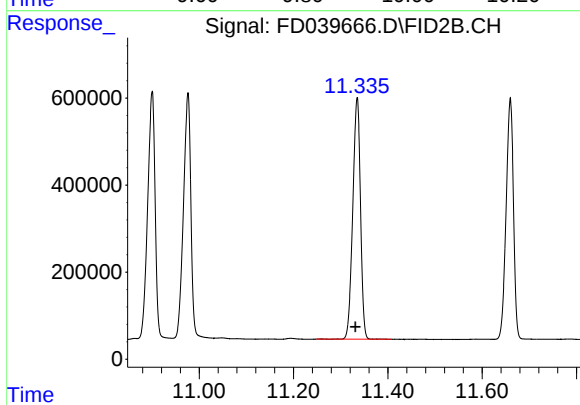
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: 0.003 min
Response: 5955057
Conc: 51.39 ug/ml



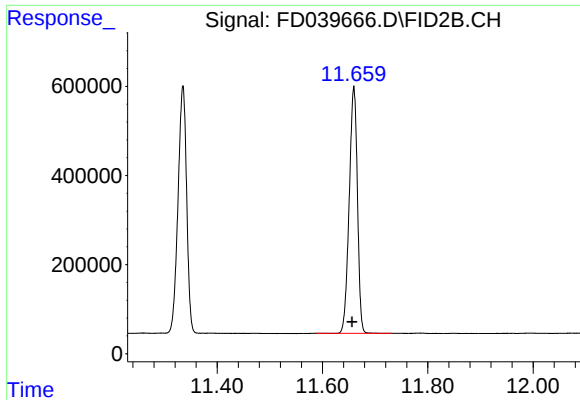
#7 n-Hexadecane (C16)

R.T.: 9.895 min
Delta R.T.: 0.003 min
Response: 6108665
Conc: 52.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.335 min
Delta R.T.: 0.003 min
Response: 6290209
Conc: 52.94 ug/ml



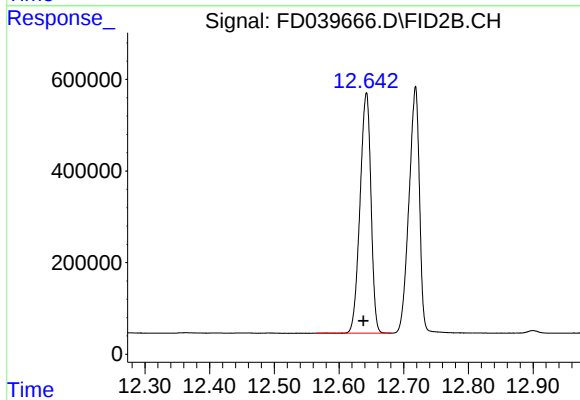
#9 ortho-Terphenyl (SURR)

R.T.: 11.659 min
Delta R.T.: 0.003 min
Response: 5977065
Conc: 46.92 ug/ml

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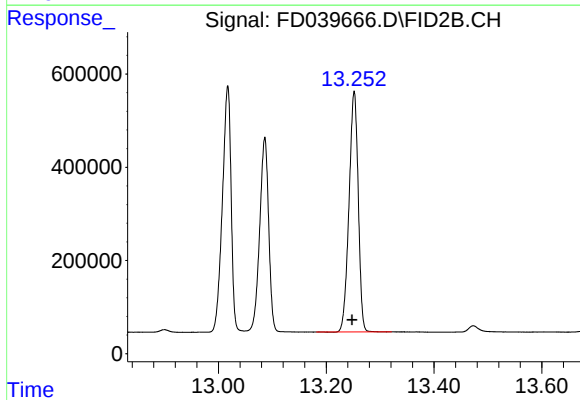
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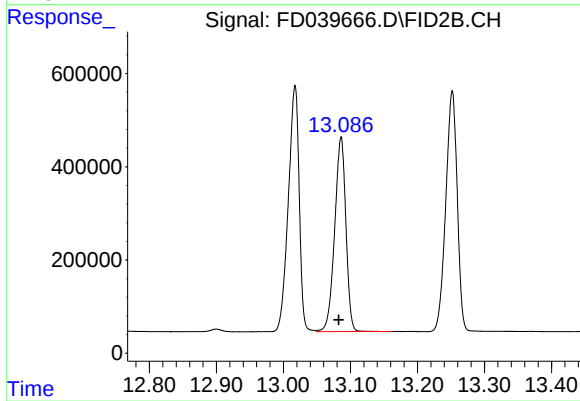
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: 0.004 min
Response: 6156603
Conc: 52.47 ug/ml



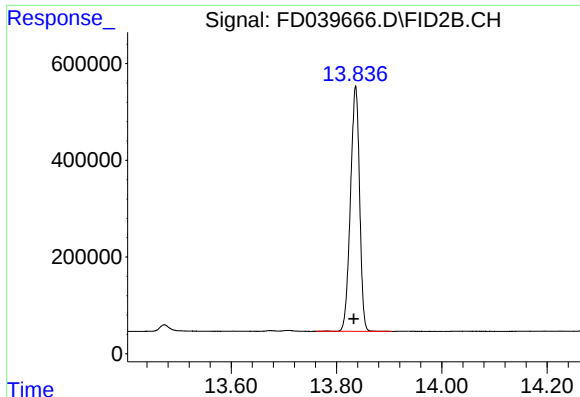
#11 n-Heneicosane (C21)

R.T.: 13.252 min
Delta R.T.: 0.004 min
Response: 6115233
Conc: 51.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.086 min
Delta R.T.: 0.003 min
Response: 4855592
Conc: 49.36 ug/ml



#13 n-Docosane (C22)

R.T.: 13.836 min
Delta R.T.: 0.004 min
Response: 6088112
Conc: 52.49 ug/ml

Instrument :

FID_D

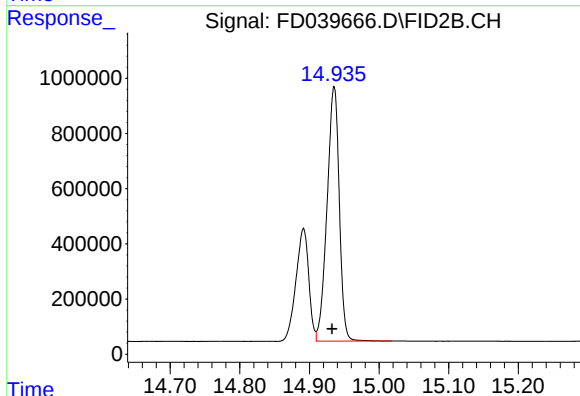
ClientSampleId :

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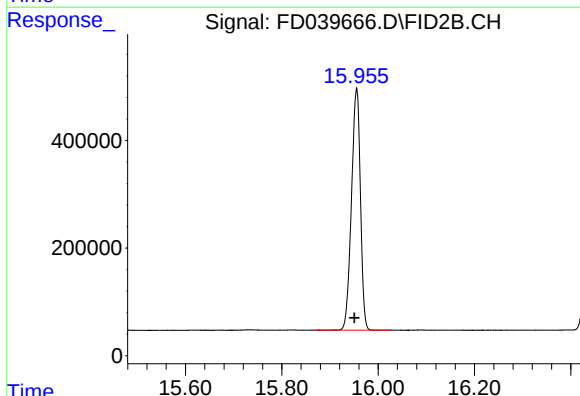
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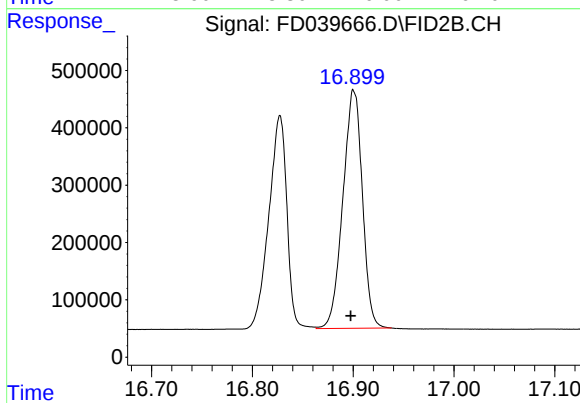
#14 n-Tetracosane (C24)

R.T.: 14.935 min
Delta R.T.: 0.003 min
Response: 11260526
Conc: 96.50 ug/ml



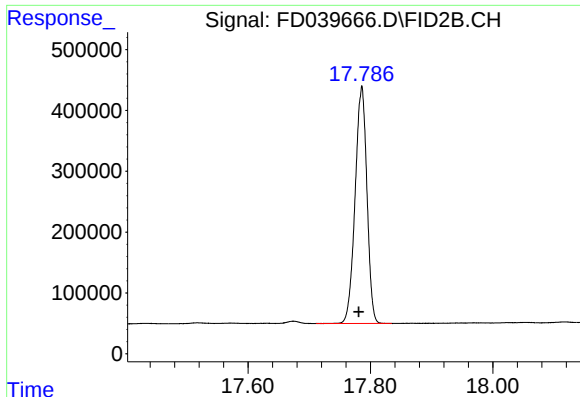
#15 n-Hexacosane (C26)

R.T.: 15.955 min
Delta R.T.: 0.004 min
Response: 5811269
Conc: 52.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.901 min
Delta R.T.: 0.003 min
Response: 5588389
Conc: 52.09 ug/ml



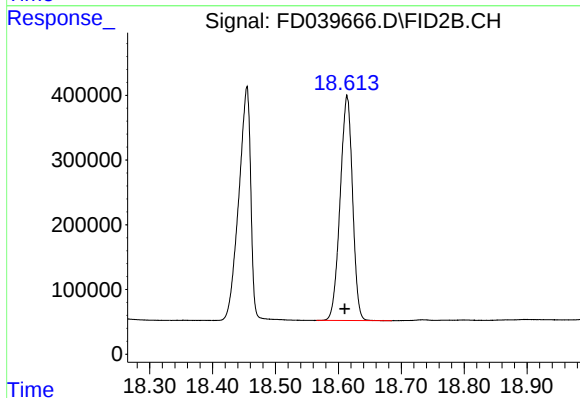
#17 n-Tricontane (C30)

R.T.: 17.786 min
Delta R.T.: 0.005 min
Response: 5219115
Conc: 48.96 ug/ml

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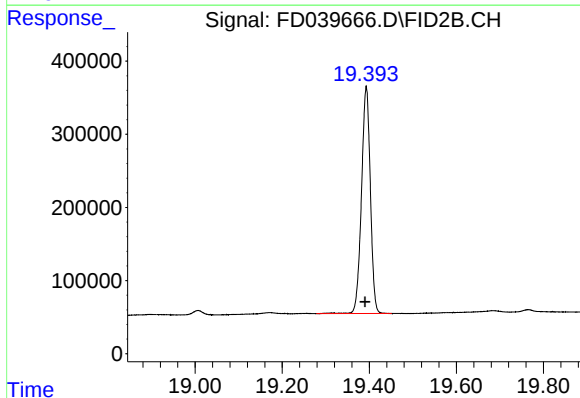
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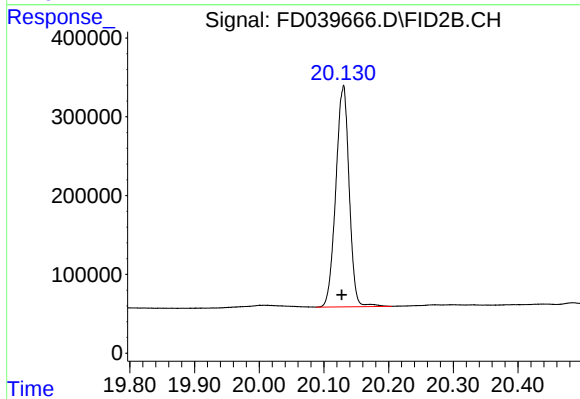
#18 n-Dotriacontane (C32)

R.T.: 18.614 min
Delta R.T.: 0.004 min
Response: 4764256
Conc: 45.74 ug/ml



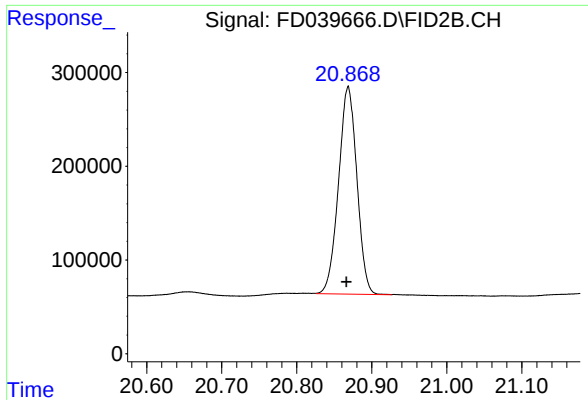
#19 n-Tetratriacontane (C34)

R.T.: 19.393 min
Delta R.T.: 0.003 min
Response: 4378985
Conc: 43.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.130 min
Delta R.T.: 0.002 min
Response: 4014167
Conc: 41.72 ug/ml



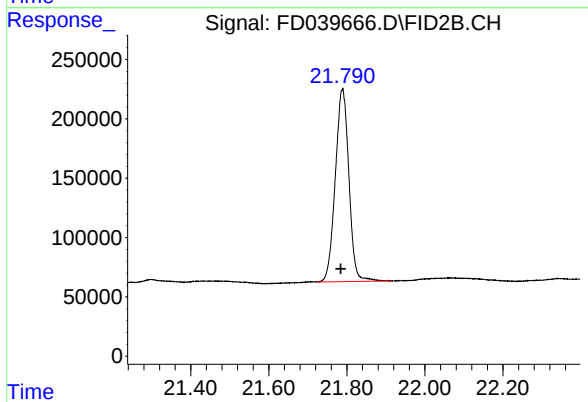
#21 n-Octatriacontane (C38)

R.T.: 20.868 min
Delta R.T.: 0.002 min
Response: 3762504
Conc: 40.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.789 min
Delta R.T.: 0.005 min
Response: 3919974
Conc: 40.66 ug/ml