

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071421AL\
 Data File : FD038200.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jul 2021 23:38
 Operator : DD\AJ
 Sample : M3028-04MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 2MSD

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Jul 15 04:44:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.421	2869893	19.854 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
12) S 1-chlorooctadecane (S...	12.856	2174117	19.069 ug/ml
Spiked Amount 50.000		Recovery =	38.14%
Target Compounds			
1) T n-Nonane (C9)	3.249	6165811	50.741 ug/ml
2) T n-Decane (C10)	4.299	6897051	56.389 ug/ml
3) T A~Naphthalene (C11.7)	5.864	7754830	56.728 ug/ml
4) T n-Dodecane (C12)	6.298	7324242	58.805 ug/ml
5) T A~2-methylnaphthalene...	6.914	7388532	53.641 ug/ml
6) T n-Tetradecane (C14)	8.086	7609432	59.204 ug/ml
7) T n-Hexadecane (C16)	9.678	7331431	56.575 ug/ml
8) T n-Octadecane (C18)	11.114	7505954	55.734 ug/ml
10) T n-Eicosane (C20)	12.419	7036252	52.385 ug/ml
11) T n-Heneicosane (C21)	13.028	7077655	52.095 ug/ml
13) T n-Docosane (C22)	13.611	6868178	51.046 ug/ml
14) T n-Tetracosane (C24)	14.699	5529077	40.947 ug/mlm
15) T n-Hexacosane (C26)	15.727	6357499	48.253 ug/ml
16) T n-Octacosane (C28)	16.671	6343467	48.650 ug/ml
17) T n-Tricontane (C30)	17.559	6477973	50.691 ug/ml
18) T n-Dotriacontane (C32)	18.386	6416692	52.149 ug/ml
19) T n-Tetratriacontane (C34)	19.168	5839973	49.870 ug/mlm
20) T n-Hexatriacontane (C36)	19.905	5756753	52.714 ug/ml
21) T n-Octatriacontane (C38)	20.614	5391351	53.529 ug/mlm
22) T n-Tetracontane (C40)	21.451	6274389	64.152 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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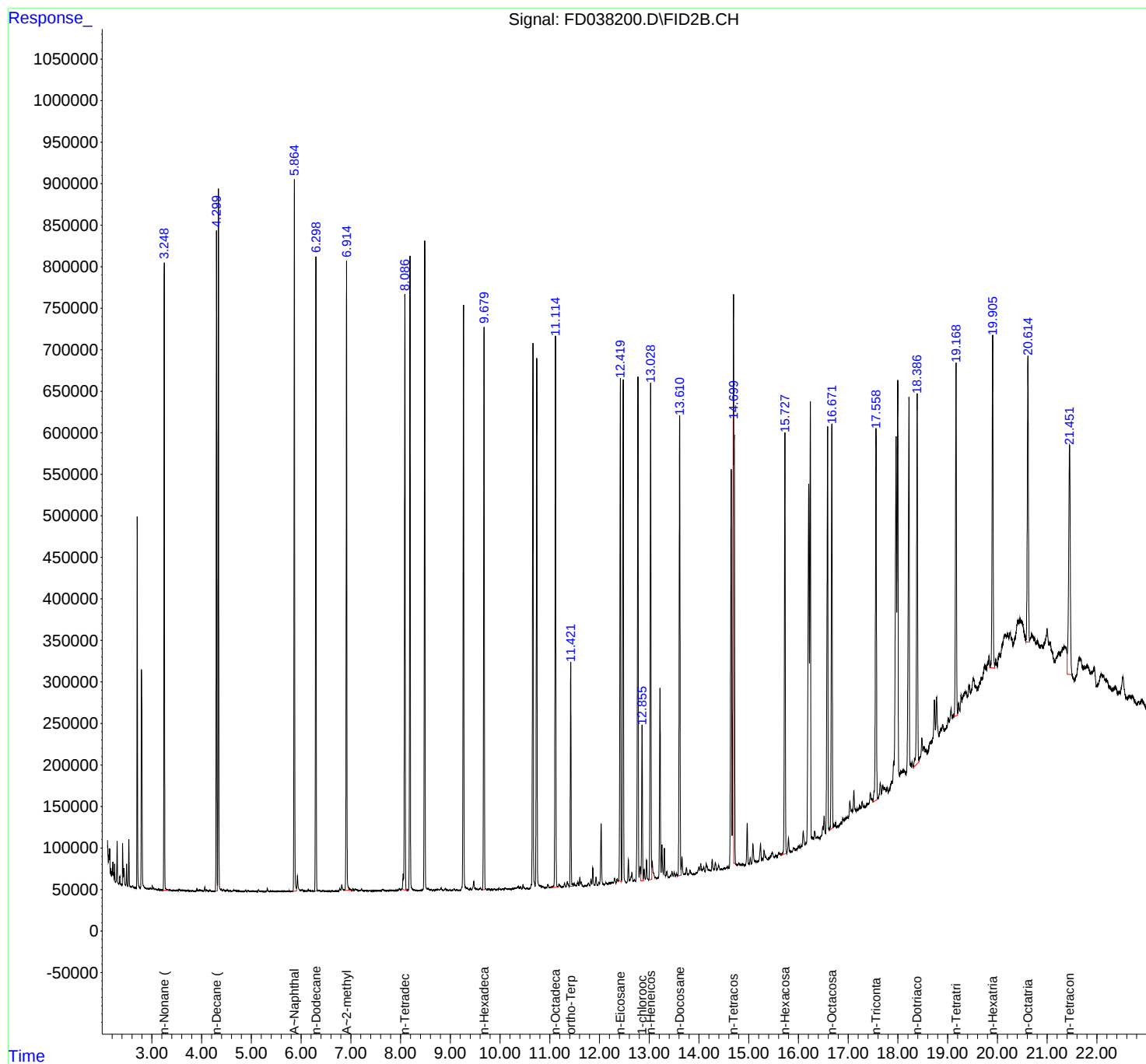
Instrument :
FID_D
ClientSampled :
2MSD

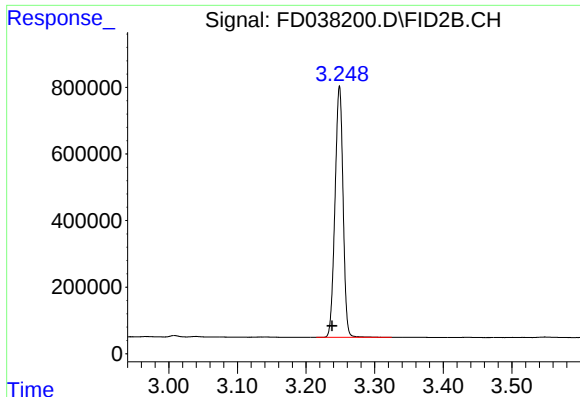
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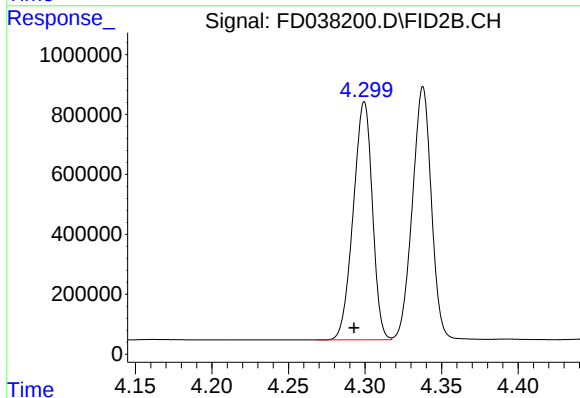
#1 n-Nonane (C9)

R.T.: 3.249 min
Delta R.T.: 0.011 min
Response: 6165811
Conc: 50.74 ug/ml

Instrument :
FID_D
ClientSampleId :
2MSD

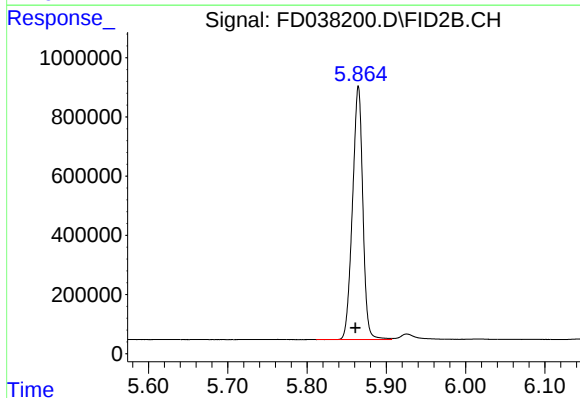
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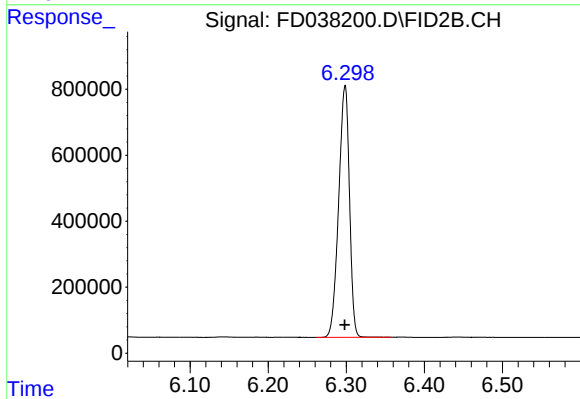
#2 n-Decane (C10)

R.T.: 4.299 min
Delta R.T.: 0.006 min
Response: 6897051
Conc: 56.39 ug/ml



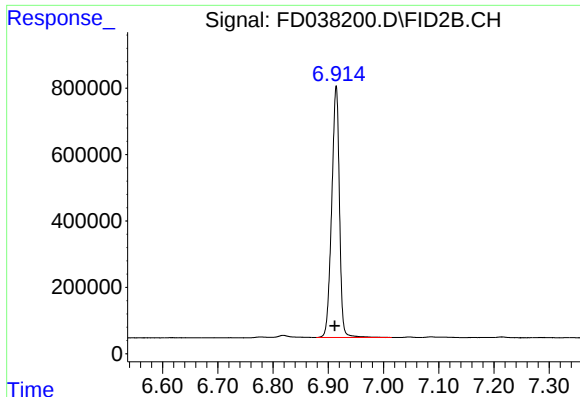
#3 A~Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: 0.003 min
Response: 7754830
Conc: 56.73 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 7324242
Conc: 58.81 ug/ml



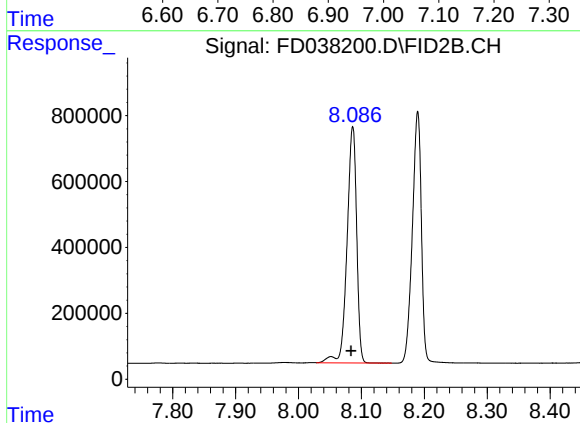
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 7388532
Conc: 53.64 ug/ml

Instrument :
FID_D
ClientSampleId :
2MSD

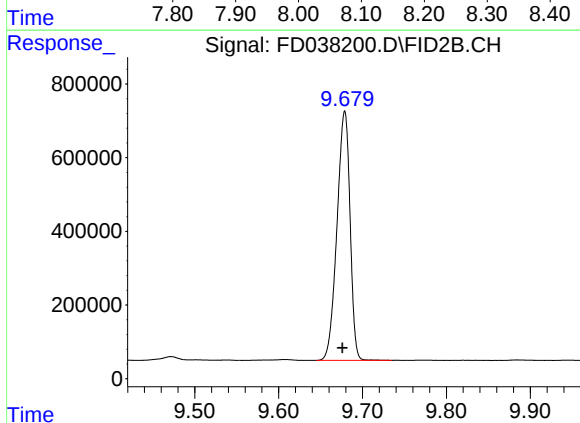
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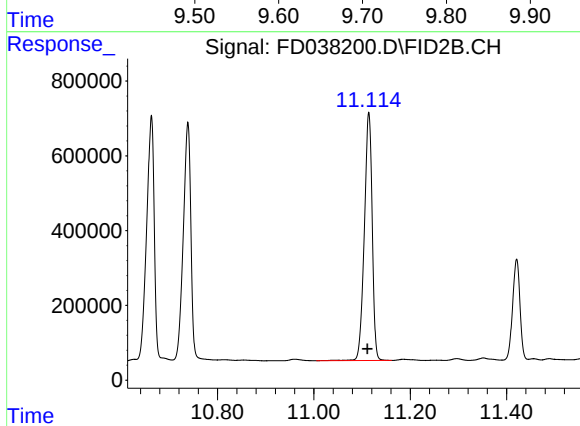
#6 n-Tetradecane (C14)

R.T.: 8.086 min
Delta R.T.: 0.002 min
Response: 7609432
Conc: 59.20 ug/ml



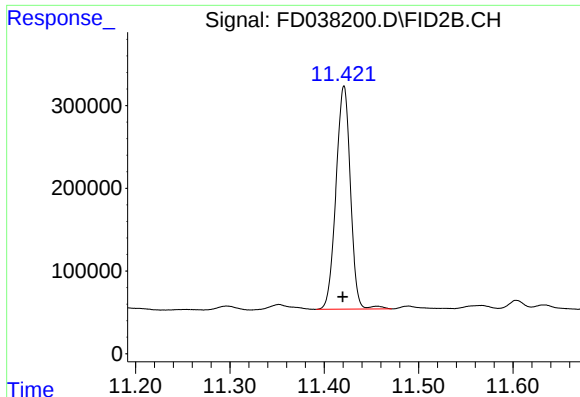
#7 n-Hexadecane (C16)

R.T.: 9.678 min
Delta R.T.: 0.002 min
Response: 7331431
Conc: 56.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.114 min
Delta R.T.: 0.003 min
Response: 7505954
Conc: 55.73 ug/ml



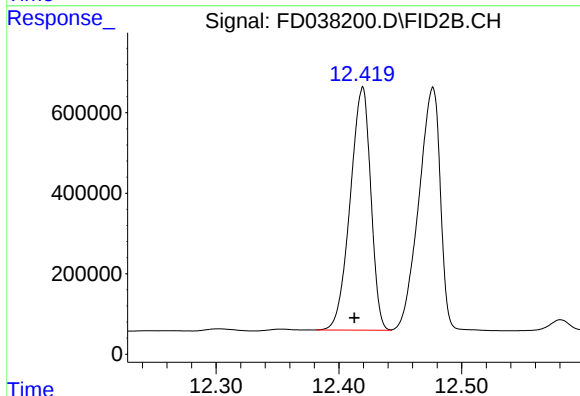
#9 ortho-Terphenyl (SURR)

R.T.: 11.421 min
Delta R.T.: 0.001 min
Response: 2869893
Conc: 19.85 ug/ml

Instrument :
FID_D
ClientSampleId :
2MSD

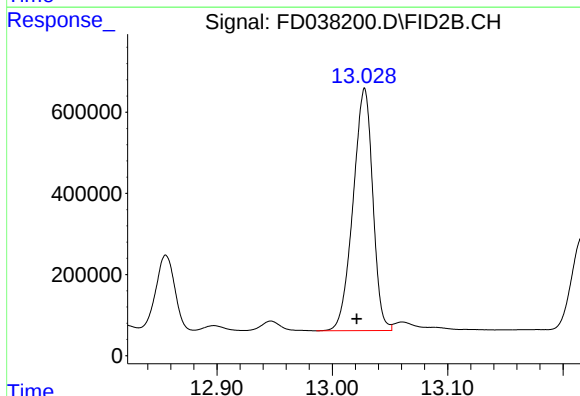
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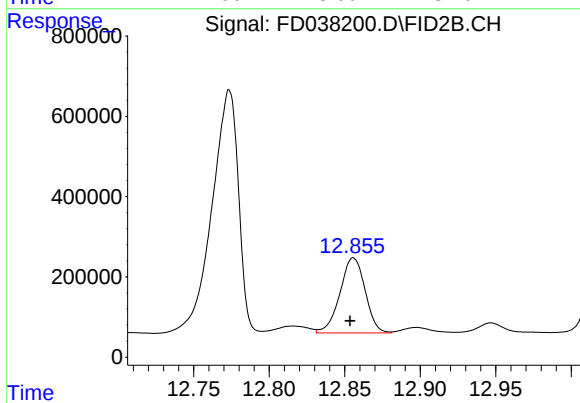
#10 n-Eicosane (C20)

R.T.: 12.419 min
Delta R.T.: 0.006 min
Response: 7036252
Conc: 52.39 ug/ml



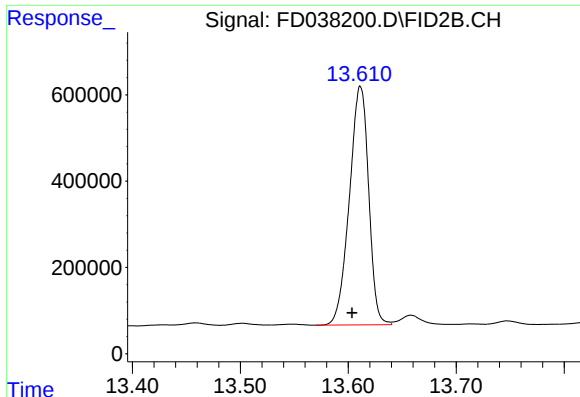
#11 n-Heneicosane (C21)

R.T.: 13.028 min
Delta R.T.: 0.007 min
Response: 7077655
Conc: 52.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.856 min
Delta R.T.: 0.002 min
Response: 2174117
Conc: 19.07 ug/ml



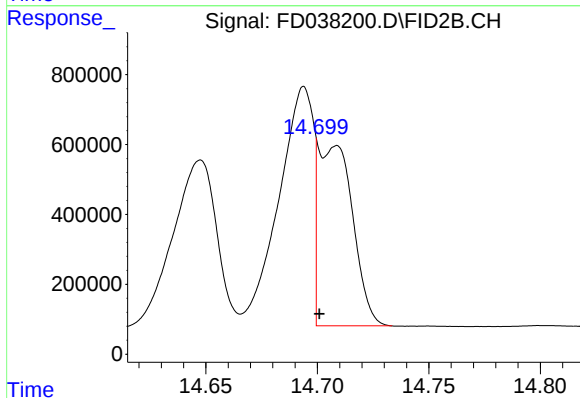
#13 n-Docosane (C22)

R.T.: 13.611 min
Delta R.T.: 0.008 min
Response: 6868178
Conc: 51.05 ug/ml

Instrument :
FID_D
ClientSampleId :
2MSD

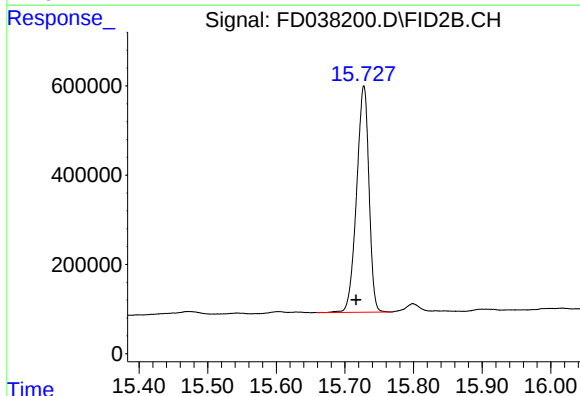
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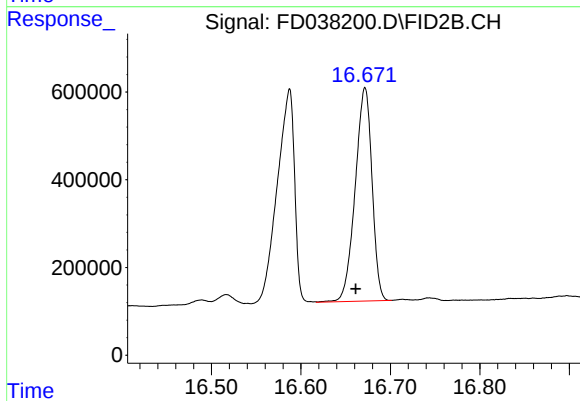
#14 n-Tetracosane (C24)

R.T.: 14.699 min
Delta R.T.: -0.001 min
Response: 5529077
Conc: 40.95 ug/ml m



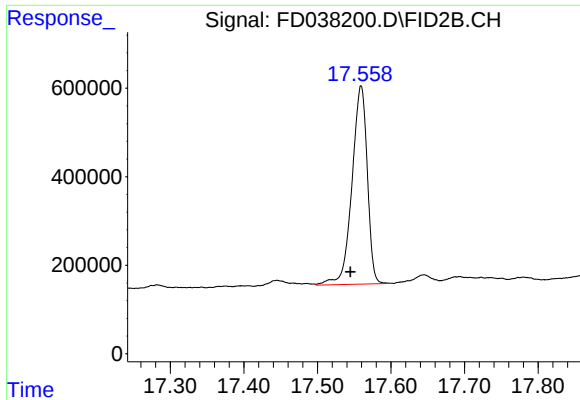
#15 n-Hexacosane (C26)

R.T.: 15.727 min
Delta R.T.: 0.011 min
Response: 6357499
Conc: 48.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.671 min
Delta R.T.: 0.010 min
Response: 6343467
Conc: 48.65 ug/ml



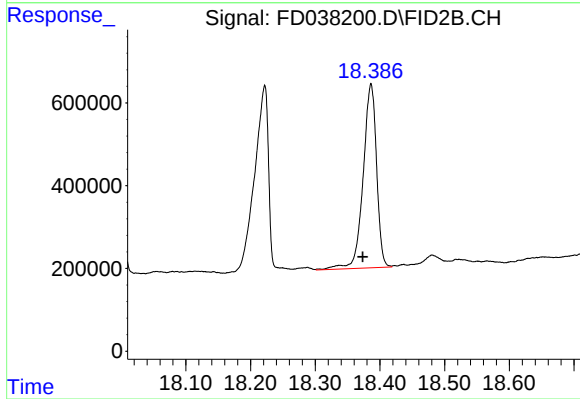
#17 n-Tricontane (C30)

R.T.: 17.559 min
Delta R.T.: 0.014 min
Response: 6477973
Conc: 50.69 ug/ml

Instrument :
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ClientSampleId :
2MSD

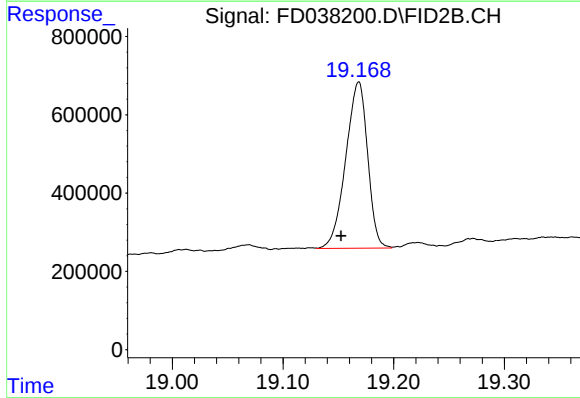
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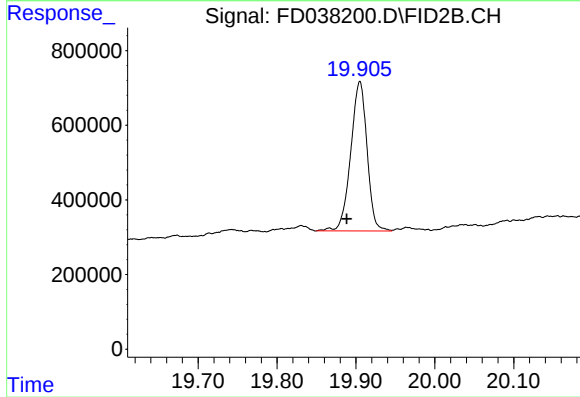
#18 n-Dotriacontane (C32)

R.T.: 18.386 min
Delta R.T.: 0.013 min
Response: 6416692
Conc: 52.15 ug/ml



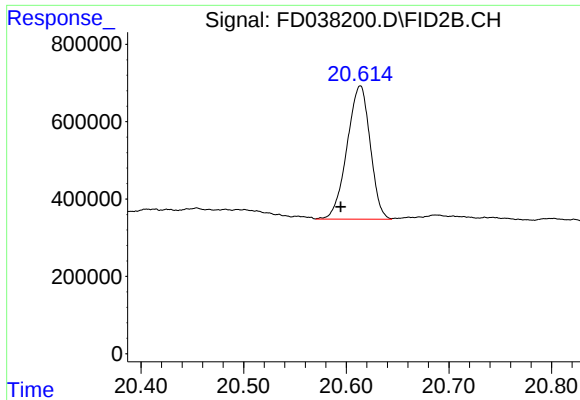
#19 n-Tetratriacontane (C34)

R.T.: 19.168 min
Delta R.T.: 0.016 min
Response: 5839973
Conc: 49.87 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.905 min
Delta R.T.: 0.016 min
Response: 5756753
Conc: 52.71 ug/ml



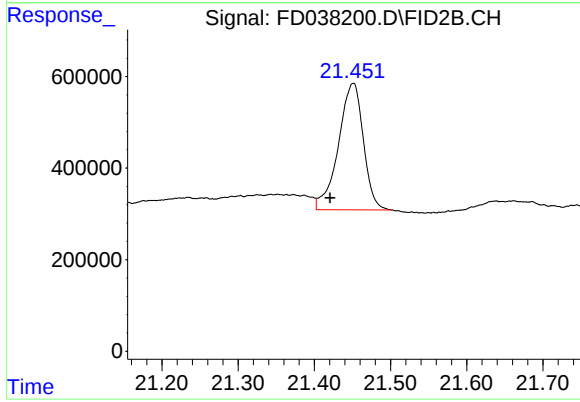
#21 n-Octatriacontane (C38)

R.T.: 20.614 min
Delta R.T.: 0.019 min
Response: 5391351
Conc: 53.53 ug/ml m

Instrument :
FID_D
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#22 n-Tetracontane (C40)

R.T.: 21.451 min
Delta R.T.: 0.030 min
Response: 6274389
Conc: 64.15 ug/ml