

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052821AL\
 Data File : FD037634.D
 Signal(s) : FID2B.CH
 Acq On : 28 May 2021 16:21
 Operator : DD\AJ
 Sample : M2531-01MSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SU-04-052621MSD

Manual Integrations
 APPROVED

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 6/1/2021 1:42:05 PM

Integration File: autoint1.e
 Quant Time: May 28 22:54:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 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)	11.467	6446069	54.969 ug/ml
Spiked Amount 50.000		Recovery =	109.94%
12) S 1-chlorooctadecane (S...	12.901	5027944	55.333 ug/ml
Spiked Amount 50.000		Recovery =	110.67%
Target Compounds			
1) T n-Nonane (C9)	3.260	3250981	32.220 ug/ml
2) T n-Decane (C10)	4.323	3763221	37.091 ug/ml
3) T A~Naphthalene (C11.7)	5.898	4643914	40.783 ug/ml
4) T n-Dodecane (C12)	6.334	4363799	42.211 ug/ml
5) T A~2-methylnaphthalene...	6.952	4903047	42.352 ug/ml
6) T n-Tetradecane (C14)	8.124	4957703	47.568 ug/ml
7) T n-Hexadecane (C16)	9.718	5179475	50.196 ug/ml
8) T n-Octadecane (C18)	11.154	5230671	48.412 ug/ml
10) T n-Eicosane (C20)	12.458	4990945	45.795 ug/ml
11) T n-Heneicosane (C21)	13.067	4927203	45.260 ug/ml
13) T n-Docosane (C22)	13.651	4859607	44.734 ug/ml
14) T n-Tetracosane (C24)	14.748	3857006	35.596 ug/mlm
15) T n-Hexacosane (C26)	15.766	4675893	43.897 ug/mlm
16) T n-Octacosane (C28)	16.712	4893919	46.191 ug/ml
17) T n-Tricontane (C30)	17.597	4788231	45.481 ug/ml
18) T n-Dotriacontane (C32)	18.424	4682621	44.955 ug/ml
19) T n-Tetratriacontane (C34)	19.205	4694413	46.185 ug/ml
20) T n-Hexatriacontane (C36)	19.942	4548695	46.634 ug/mlm
21) T n-Octatriacontane (C38)	20.652	4758010	51.754 ug/ml
22) T n-Tetracontane (C40)	21.503	4379006	45.476 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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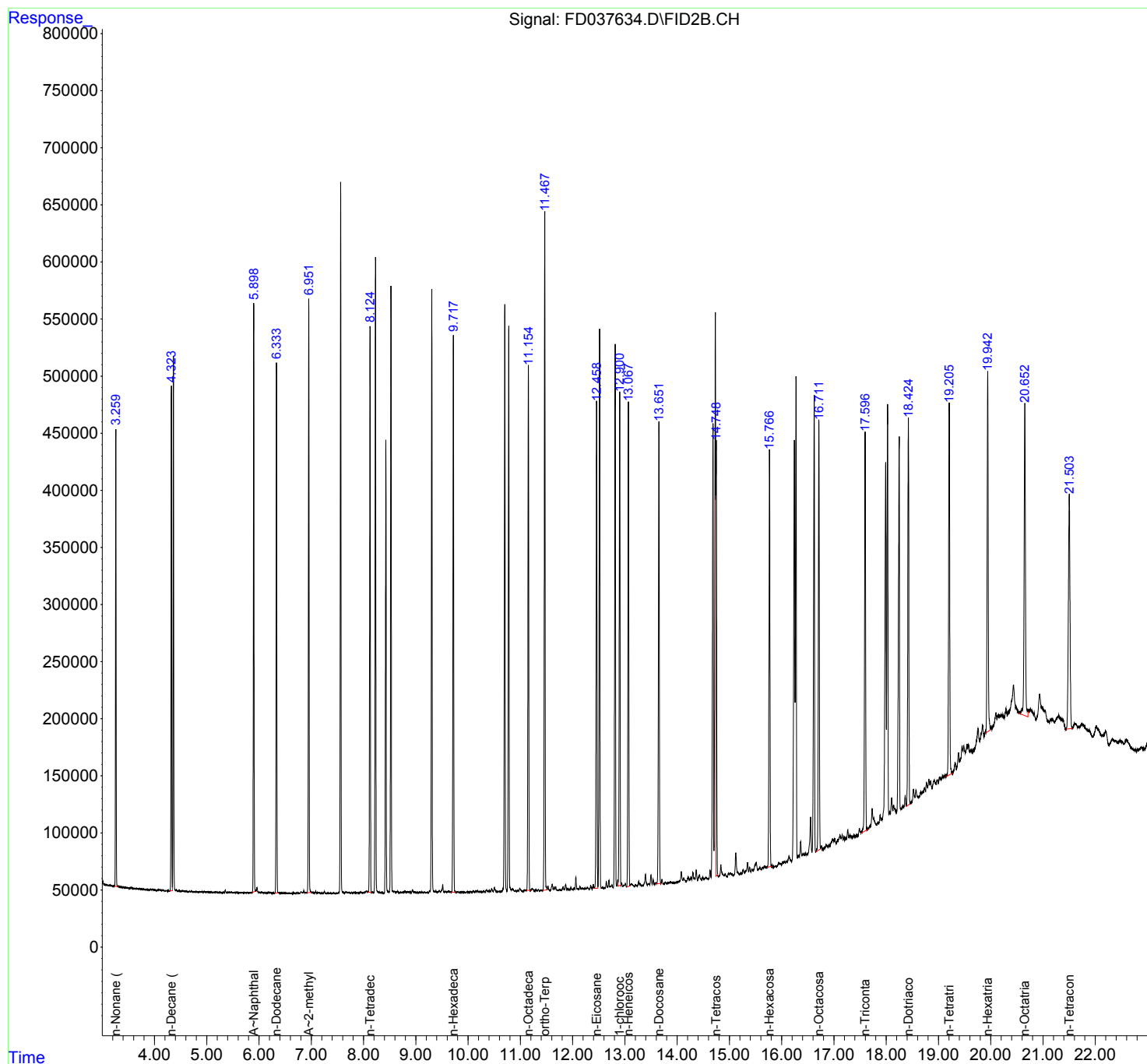
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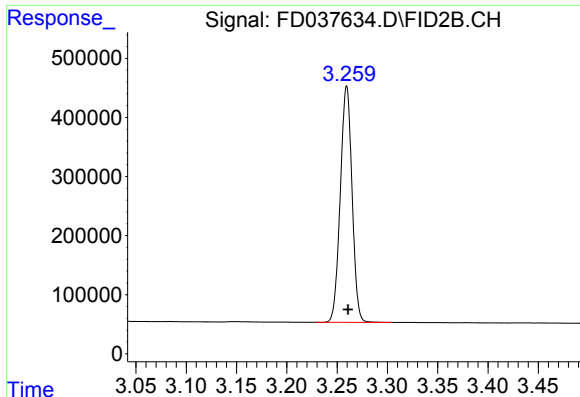
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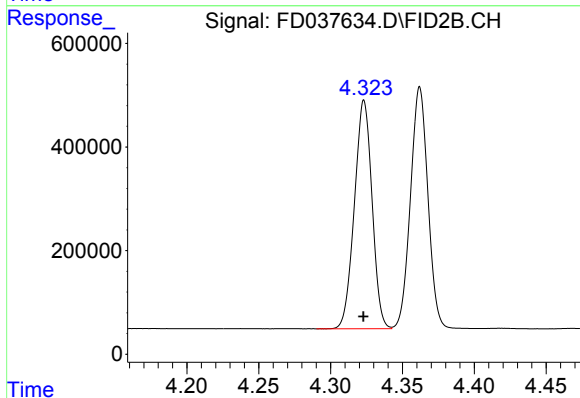
#1 n-Nonane (C9)

R.T.: 3.260 min
Delta R.T.: -0.001 min
Response: 3250981
Conc: 32.22 ug/ml

Instrument :
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SU-04-052621MSD

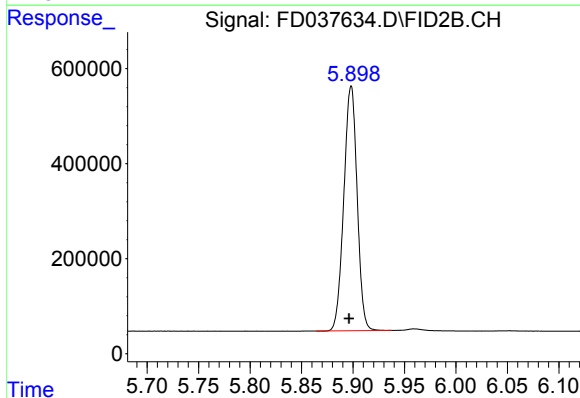
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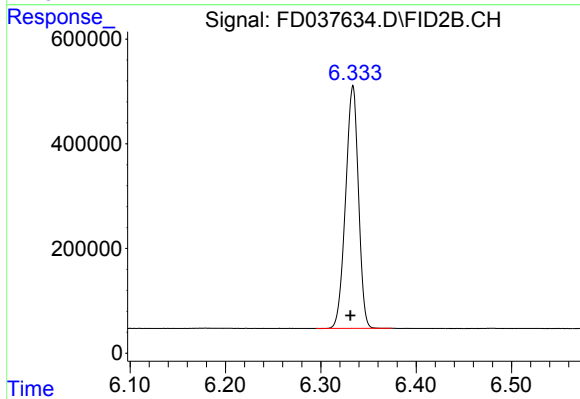
#2 n-Decane (C10)

R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 3763221
Conc: 37.09 ug/ml



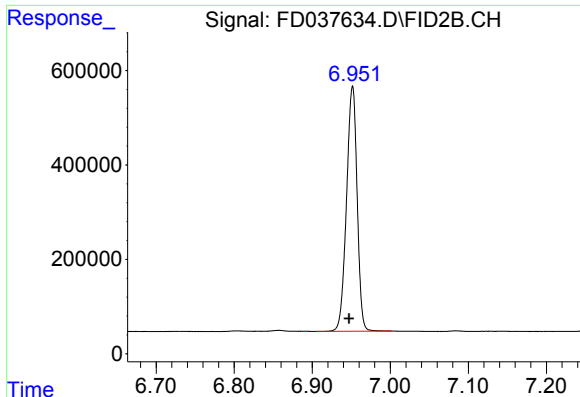
#3 A~Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: 0.002 min
Response: 4643914
Conc: 40.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.334 min
Delta R.T.: 0.003 min
Response: 4363799
Conc: 42.21 ug/ml



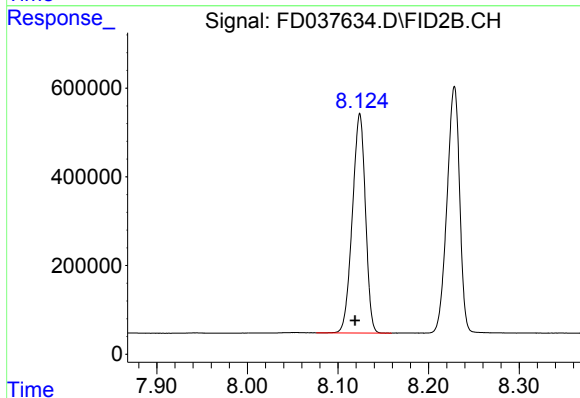
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.952 min
Delta R.T.: 0.005 min
Response: 4903047
Conc: 42.35 ug/ml

Instrument :
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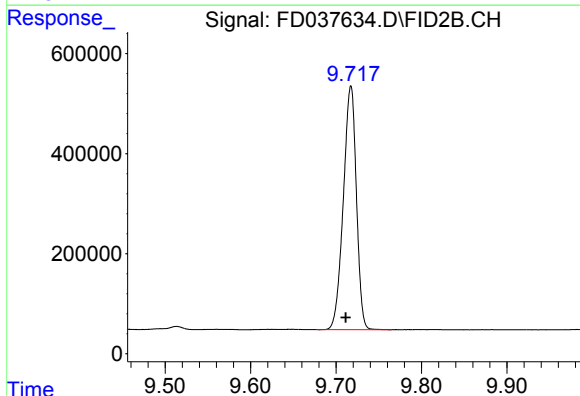
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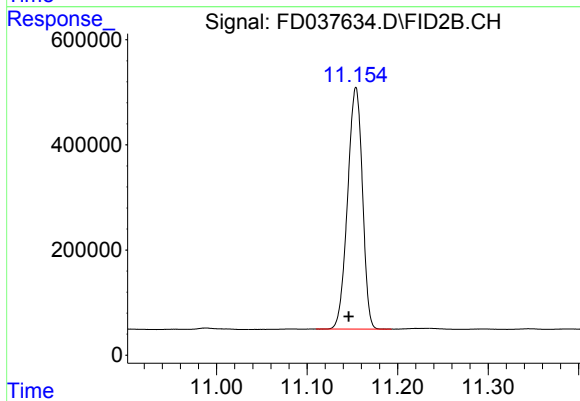
#6 n-Tetradecane (C14)

R.T.: 8.124 min
Delta R.T.: 0.005 min
Response: 4957703
Conc: 47.57 ug/ml



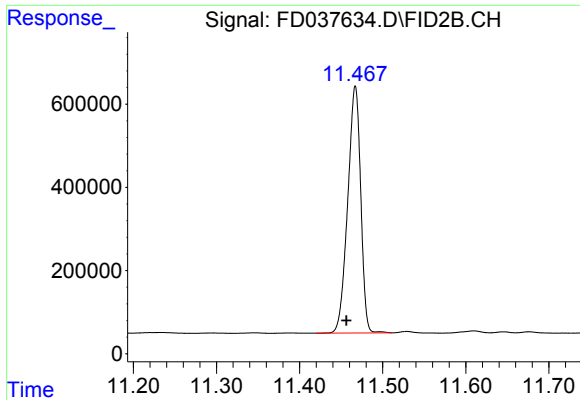
#7 n-Hexadecane (C16)

R.T.: 9.718 min
Delta R.T.: 0.006 min
Response: 5179475
Conc: 50.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.154 min
Delta R.T.: 0.008 min
Response: 5230671
Conc: 48.41 ug/ml



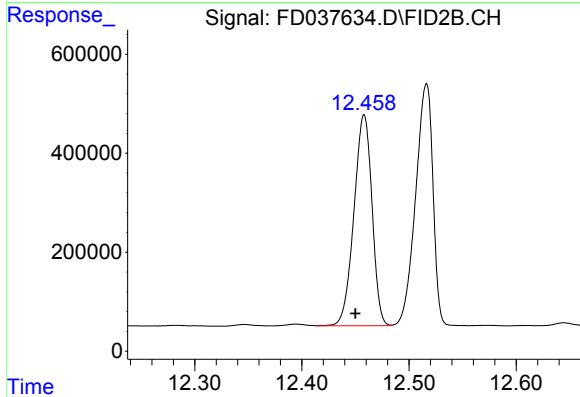
#9 ortho-Terphenyl (SURR)

R.T.: 11.467 min
Delta R.T.: 0.011 min
Response: 6446069
Conc: 54.97 ug/ml

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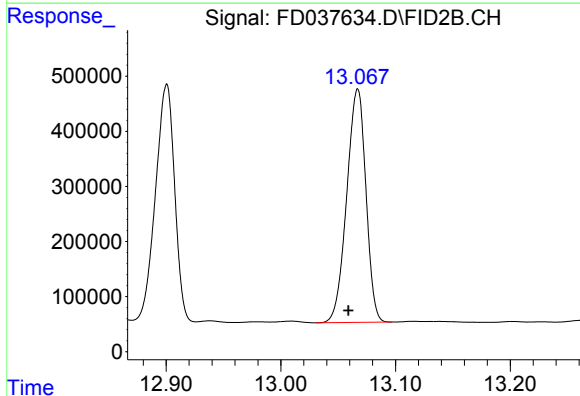
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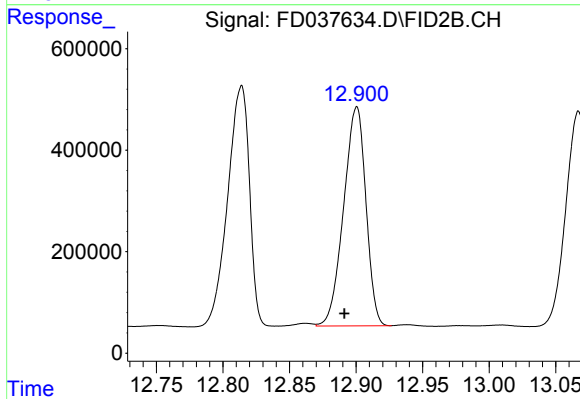
#10 n-Eicosane (C20)

R.T.: 12.458 min
Delta R.T.: 0.008 min
Response: 4990945
Conc: 45.79 ug/ml



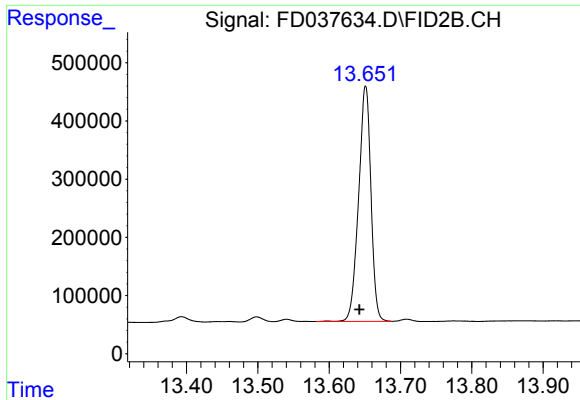
#11 n-Heneicosane (C21)

R.T.: 13.067 min
Delta R.T.: 0.008 min
Response: 4927203
Conc: 45.26 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.901 min
Delta R.T.: 0.009 min
Response: 5027944
Conc: 55.33 ug/ml



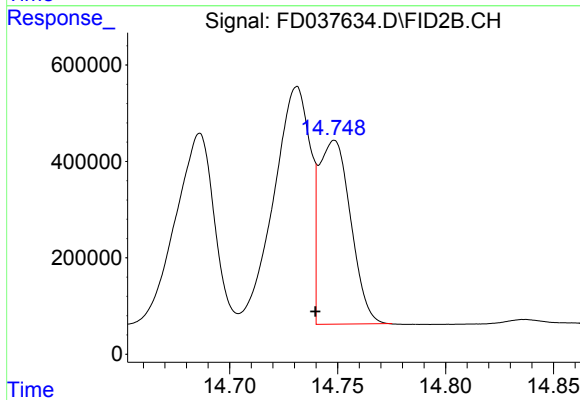
#13 n-Docosane (C22)

R.T.: 13.651 min
Delta R.T.: 0.009 min
Response: 4859607
Conc: 44.73 ug/ml

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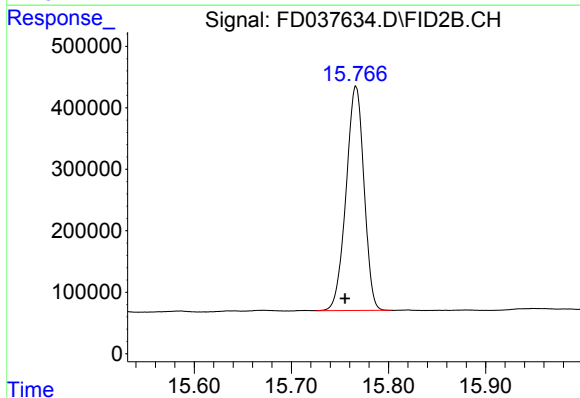
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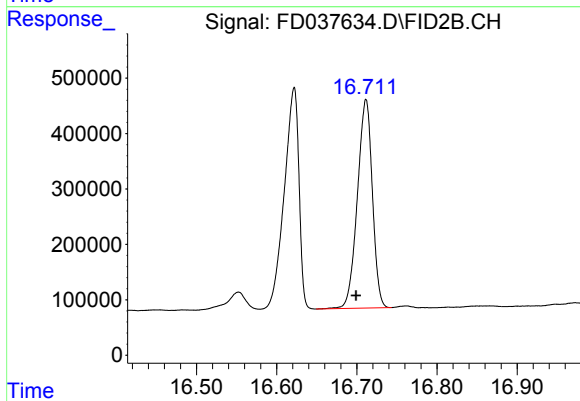
#14 n-Tetracosane (C24)

R.T.: 14.748 min
Delta R.T.: 0.008 min
Response: 3857006
Conc: 35.60 ug/ml m



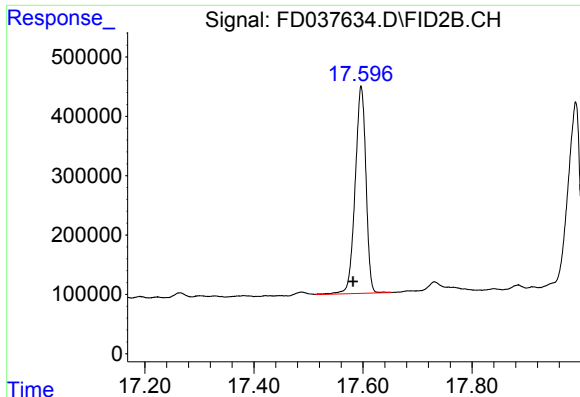
#15 n-Hexacosane (C26)

R.T.: 15.766 min
Delta R.T.: 0.011 min
Response: 4675893
Conc: 43.90 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.712 min
Delta R.T.: 0.012 min
Response: 4893919
Conc: 46.19 ug/ml



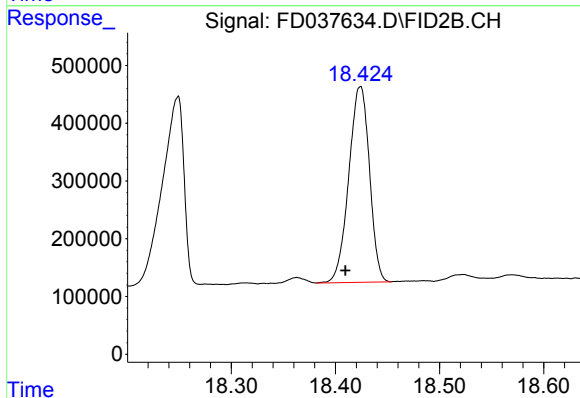
#17 n-Tricontane (C30)

R.T.: 17.597 min
Delta R.T.: 0.014 min
Response: 4788231
Conc: 45.48 ug/ml

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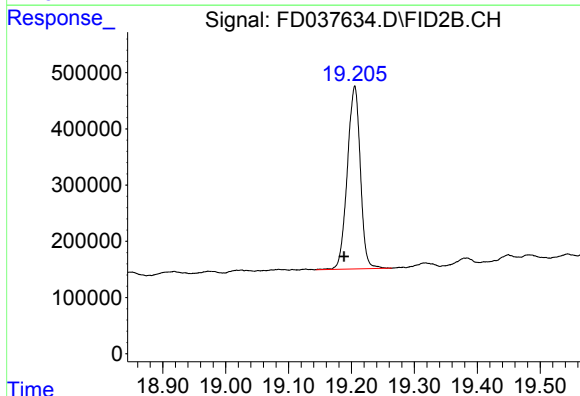
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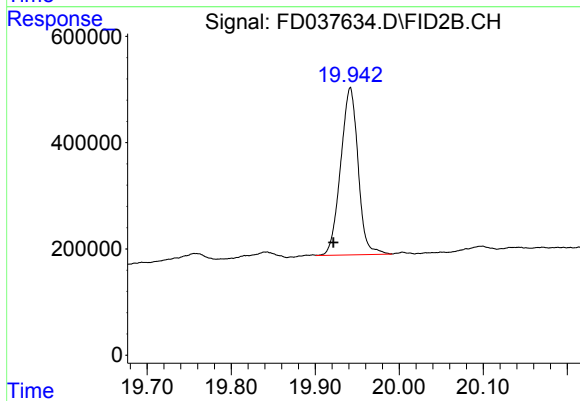
#18 n-Dotriacontane (C32)

R.T.: 18.424 min
Delta R.T.: 0.014 min
Response: 4682621
Conc: 44.95 ug/ml



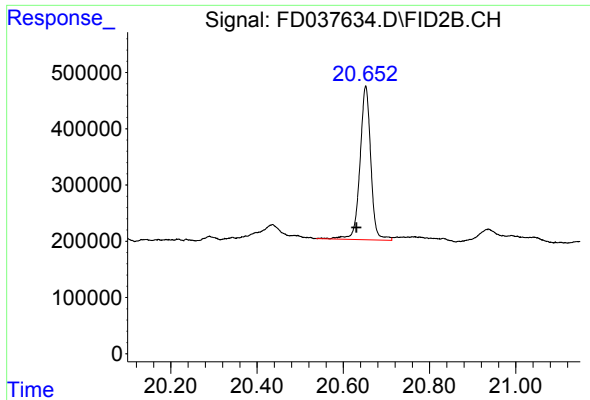
#19 n-Tetratriacontane (C34)

R.T.: 19.205 min
Delta R.T.: 0.017 min
Response: 4694413
Conc: 46.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.942 min
Delta R.T.: 0.020 min
Response: 4548695
Conc: 46.63 ug/ml m



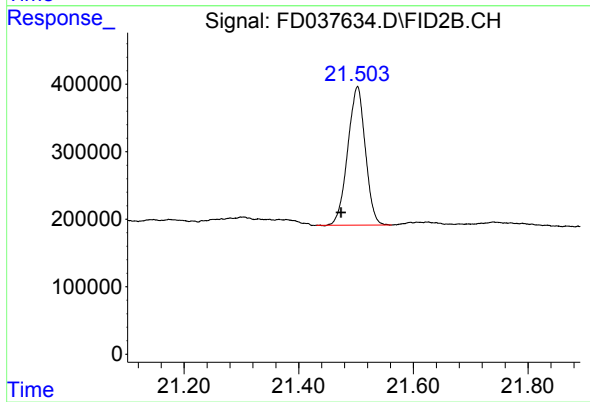
#21 n-Octatriacontane (C38)

R.T.: 20.652 min
Delta R.T.: 0.021 min
Response: 4758010
Conc: 51.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.503 min
Delta R.T.: 0.029 min
Response: 4379006
Conc: 45.48 ug/ml