

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031122AL\
 Data File : FD041515.D
 Signal(s) : FID2B.CH
 Acq On : 11 Mar 2022 17:30
 Operator : UA/NP
 Sample : PB143269BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB143269BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/14/2022
 Supervised By :Ankita Jodhani 03/14/2022

Integration File: sample.E
 Quant Time: Mar 11 22:04:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 24 01:21:33 2022
 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)	11.249	6810965	39.265 ug/ml
Spiked Amount 50.000		Recovery =	78.53%
12) S 1-chlorooctadecane (S...	12.687	5364771	39.626 ug/ml
Spiked Amount 50.000		Recovery =	79.25%
Target Compounds			
1) T n-Nonane (C9)	3.123	6596290	45.298 ug/ml
2) T n-Decane (C10)	4.160	6949212	48.127 ug/ml
3) T A~Naphthalene (C11.7)	5.707	8147614	51.004 ug/ml
4) T n-Dodecane (C12)	6.152	7525941	50.815 ug/ml
5) T A~2-methylnaphthalene...	6.753	8213663	51.326 ug/ml
6) T n-Tetradecane (C14)	7.932	7920785	52.908 ug/ml
7) T n-Hexadecane (C16)	9.518	8063120	52.965 ug/ml
8) T n-Octadecane (C18)	10.951	8203508	52.780 ug/ml
10) T n-Eicosane (C20)	12.252	8135636	52.406 ug/ml
11) T n-Heneicosane (C21)	12.859	7778764	49.678 ug/ml
13) T n-Docosane (C22)	13.442	7637263	48.766 ug/ml
14) T n-Tetracosane (C24)	14.538	7530411	48.009 ug/ml
15) T n-Hexacosane (C26)	15.555	7124241	46.369 ug/ml
16) T n-Octacosane (C28)	16.498	6958950	46.759 ug/ml
17) T n-Tricontane (C30)	17.383	6624958	47.084 ug/ml
18) T n-Dotriacontane (C32)	18.209	6485657	50.977 ug/ml
19) T n-Tetratriacontane (C34)	18.988	6482840	56.918 ug/ml
20) T n-Hexatriacontane (C36)	19.726	6529939	63.711 ug/mlm
21) T n-Octatriacontane (C38)	20.422	6611143	69.632 ug/mlm
22) T n-Tetracontane (C40)	21.214	6769164	71.425 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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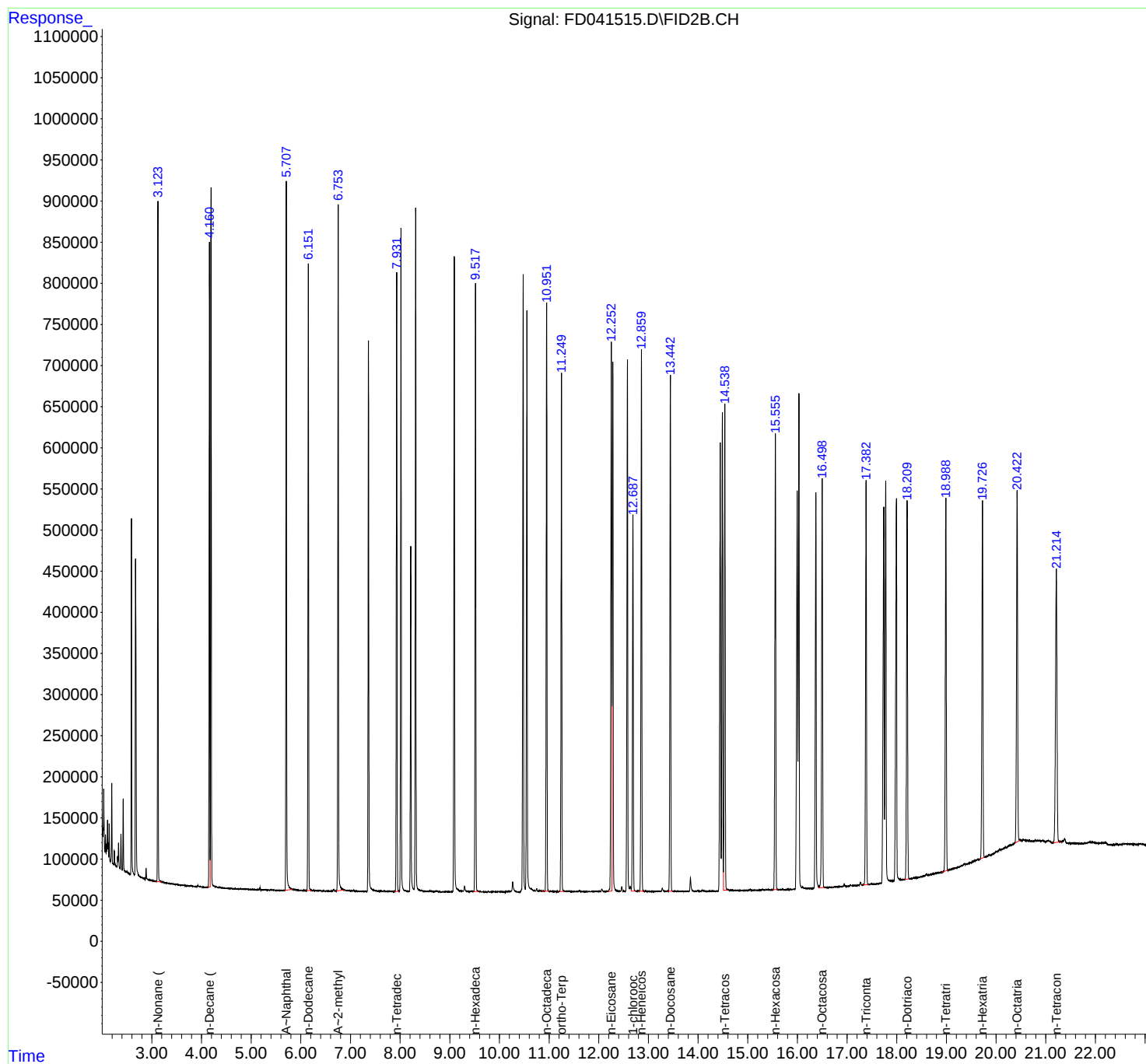
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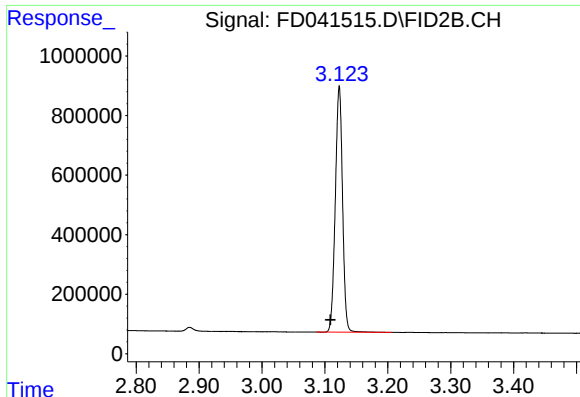
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#1 n-Nonane (C9)

R.T.: 3.123 min
Delta R.T.: 0.014 min
Response: 6596290
Conc: 45.30 ug/ml

Instrument :

FID_D

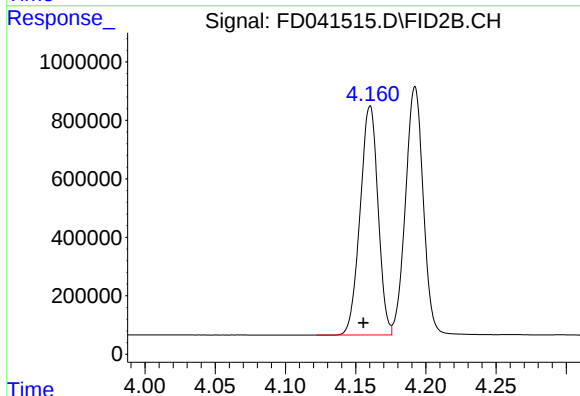
ClientSampleId :

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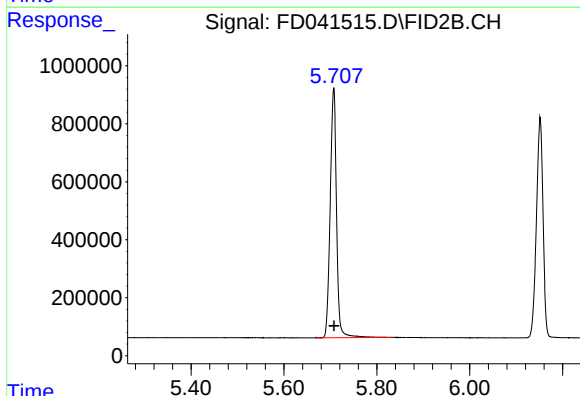
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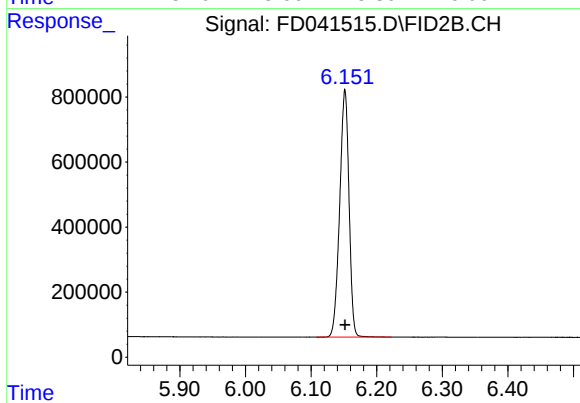
#2 n-Decane (C10)

R.T.: 4.160 min
Delta R.T.: 0.005 min
Response: 6949212
Conc: 48.13 ug/ml



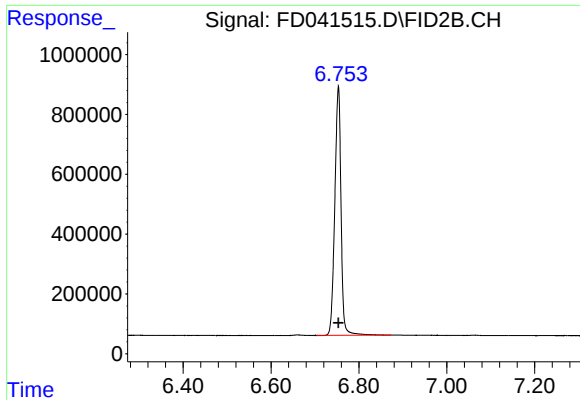
#3 A~Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 8147614
Conc: 51.00 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 7525941
Conc: 50.82 ug/ml



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

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 8213663
Conc: 51.33 ug/ml

Instrument :

FID_D

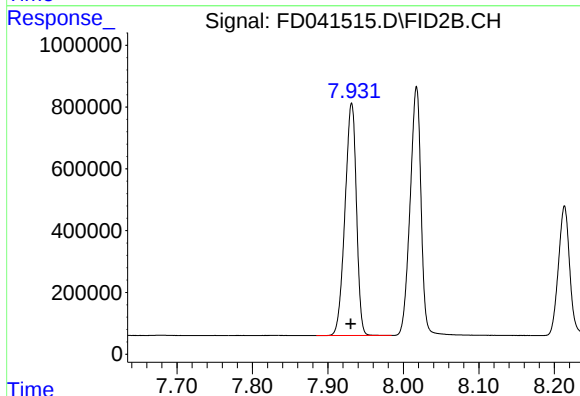
ClientSampleId :

PB143269BS

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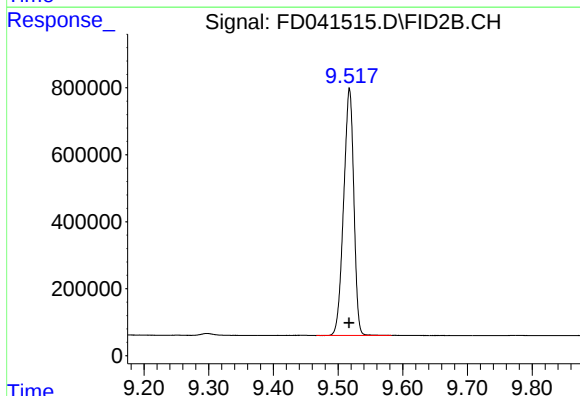
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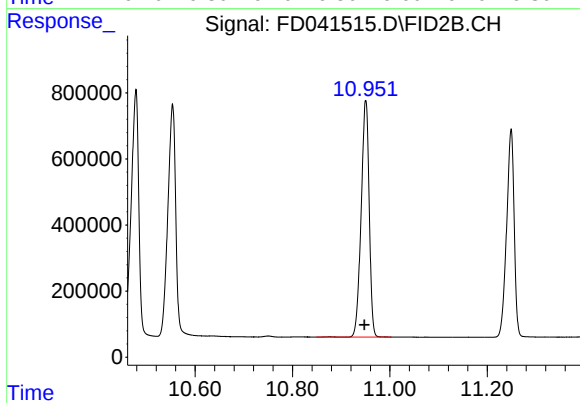
#6 n-Tetradecane (C14)

R.T.: 7.932 min
Delta R.T.: 0.001 min
Response: 7920785
Conc: 52.91 ug/ml



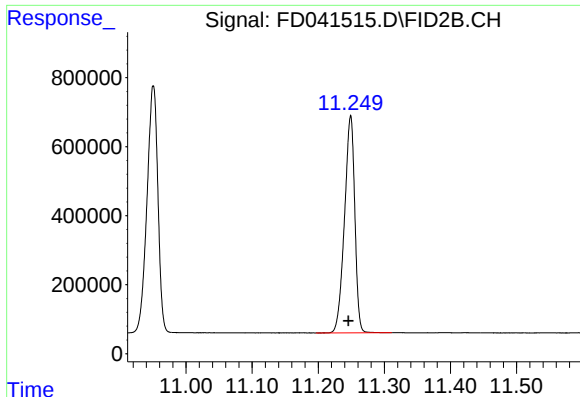
#7 n-Hexadecane (C16)

R.T.: 9.518 min
Delta R.T.: 0.000 min
Response: 8063120
Conc: 52.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.951 min
Delta R.T.: 0.003 min
Response: 8203508
Conc: 52.78 ug/ml



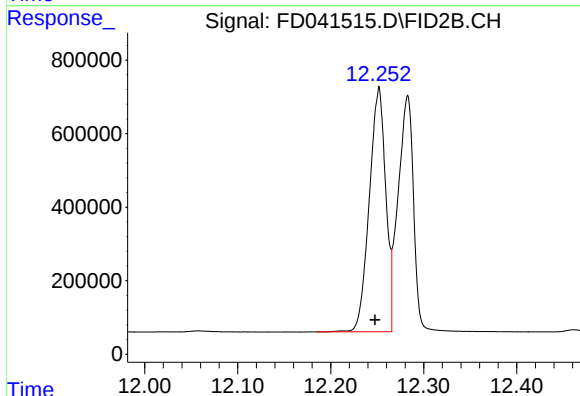
#9 ortho-Terphenyl (SURR)

R.T.: 11.249 min
Delta R.T.: 0.003 min
Response: 6810965
Conc: 39.26 ug/ml

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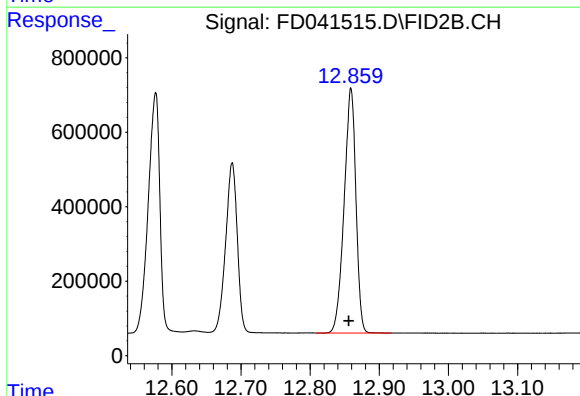
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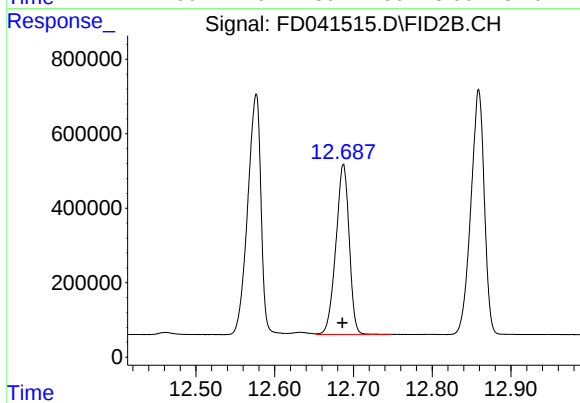
#10 n-Eicosane (C20)

R.T.: 12.252 min
Delta R.T.: 0.004 min
Response: 8135636
Conc: 52.41 ug/ml



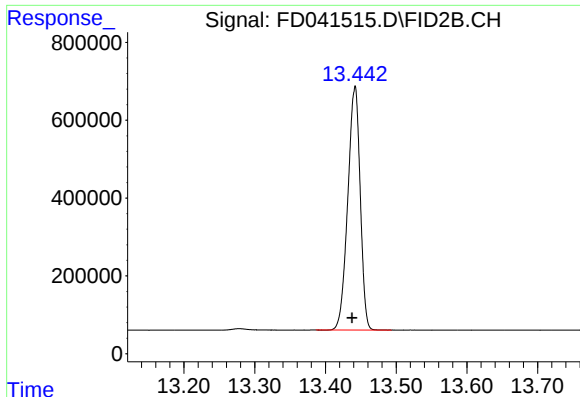
#11 n-Heneicosane (C21)

R.T.: 12.859 min
Delta R.T.: 0.003 min
Response: 7778764
Conc: 49.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.687 min
Delta R.T.: 0.001 min
Response: 5364771
Conc: 39.63 ug/ml



#13 n-Docosane (C22)

R.T.: 13.442 min
Delta R.T.: 0.004 min
Response: 7637263
Conc: 48.77 ug/ml

Instrument :

FID_D

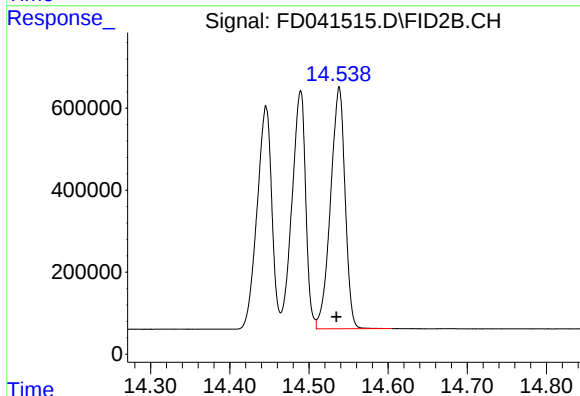
ClientSampleId :

PB143269BS

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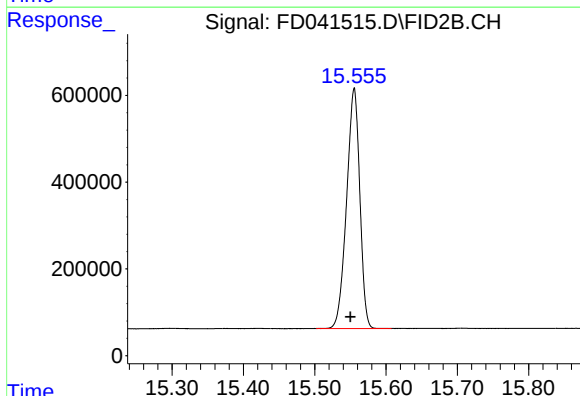
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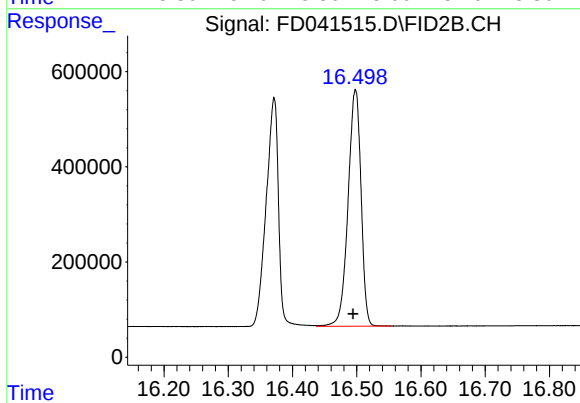
#14 n-Tetracosane (C24)

R.T.: 14.538 min
Delta R.T.: 0.003 min
Response: 7530411
Conc: 48.01 ug/ml



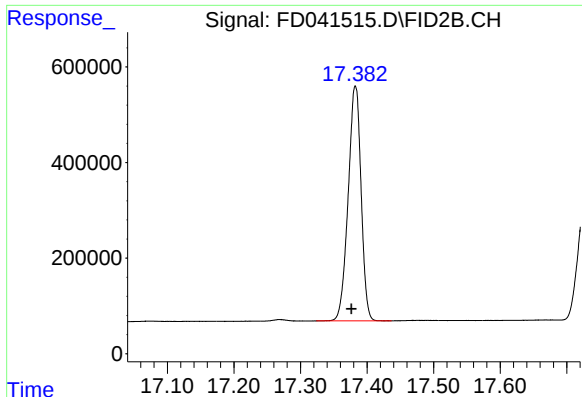
#15 n-Hexacosane (C26)

R.T.: 15.555 min
Delta R.T.: 0.005 min
Response: 7124241
Conc: 46.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.498 min
Delta R.T.: 0.004 min
Response: 6958950
Conc: 46.76 ug/ml



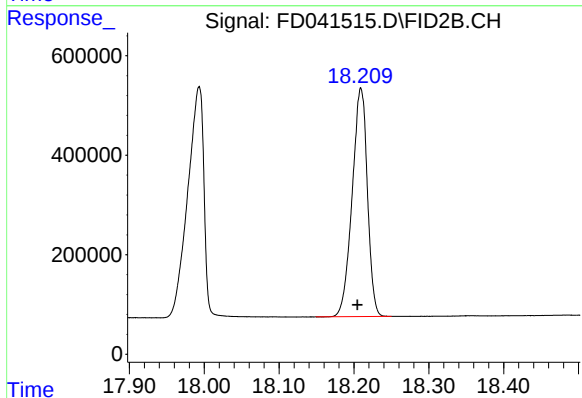
#17 n-Tricontane (C30)

R.T.: 17.383 min
Delta R.T.: 0.006 min
Response: 6624958
Conc: 47.08 ug/ml

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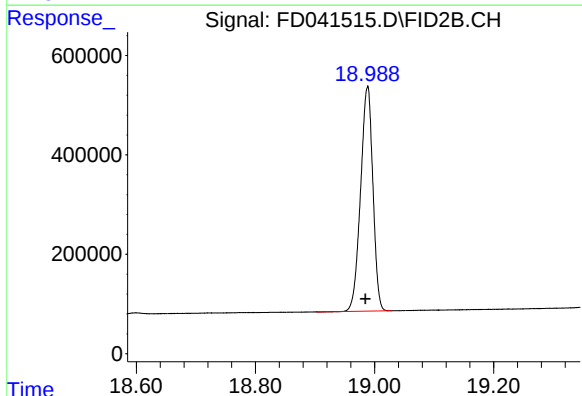
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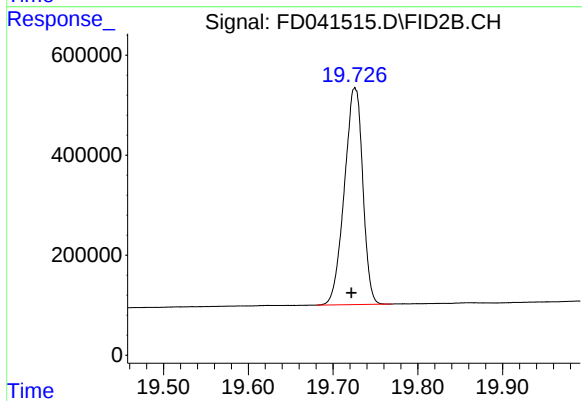
#18 n-Dotriacontane (C32)

R.T.: 18.209 min
Delta R.T.: 0.005 min
Response: 6485657
Conc: 50.98 ug/ml



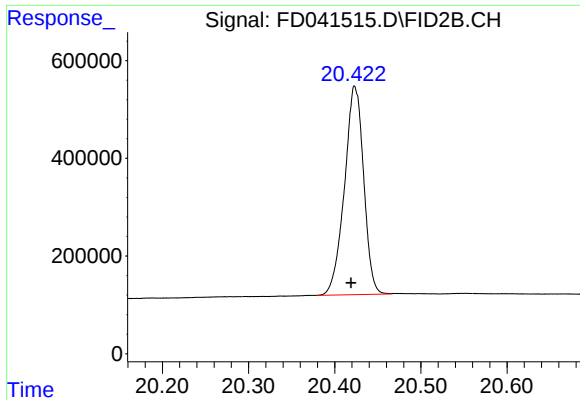
#19 n-Tetratriacontane (C34)

R.T.: 18.988 min
Delta R.T.: 0.004 min
Response: 6482840
Conc: 56.92 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.726 min
Delta R.T.: 0.004 min
Response: 6529939
Conc: 63.71 ug/ml m



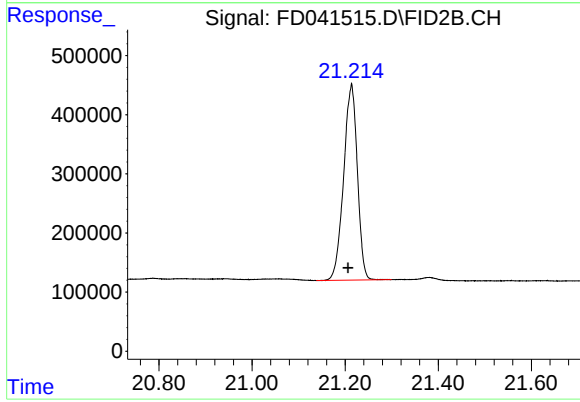
#21 n-Octatriacontane (C38)

R.T.: 20.422 min
Delta R.T.: 0.003 min
Response: 6611143
Conc: 69.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.214 min
Delta R.T.: 0.007 min
Response: 6769164
Conc: 71.43 ug/ml