

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AL\
 Data File : FD040423.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2022 12:53
 Operator : AJ\MA
 Sample : N1004-01MS
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 RO-R2-IECMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2022
 Supervised By :Ankita Jodhani 01/05/2022

Integration File: autoint1.e
 Quant Time: Jan 05 14:18:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.635	7505006	48.674 ug/mlm
Spiked Amount 50.000		Recovery =	97.35%
12) S 1-chlorooctadecane (S...	12.071	5437195	46.193 ug/ml
Spiked Amount 50.000		Recovery =	92.39%
Target Compounds			
1) T n-Nonane (C9)	2.576	4228933	32.940 ug/ml
2) T n-Decane (C10)	3.563	4720484	36.659 ug/ml
3) T A~Naphthalene (C11.7)	5.094	5909397	41.594 ug/mlm
4) T n-Dodecane (C12)	5.533	5532524	43.286 ug/ml
5) T A~2-methylnaphthalene...	6.135	6530170	46.289 ug/mlm
6) T n-Tetradecane (C14)	7.313	6096410	47.062 ug/mlm
7) T n-Hexadecane (C16)	8.900	7553205	57.975 ug/mlm
8) T n-Octadecane (C18)	10.335	7382894	54.486 ug/mlm
10) T n-Eicosane (C20)	11.635	7321553	53.827 ug/ml
11) T n-Heneicosane (C21)	12.243	7005992	50.594 ug/ml
13) T n-Docosane (C22)	12.825	6899603	50.038 ug/ml
14) T n-Tetracosane (C24)	13.921	6807104	48.683 ug/ml
15) T n-Hexacosane (C26)	14.940	6651030	48.250 ug/ml
16) T n-Octacosane (C28)	15.881	6518423	48.041 ug/ml
17) T n-Tricontane (C30)	16.766	6288713	48.249 ug/ml
18) T n-Dotriacontane (C32)	17.593	5880271	49.189 ug/ml
19) T n-Tetratriacontane (C34)	18.372	5273807	50.087 ug/ml
20) T n-Hexatriacontane (C36)	19.107	4488061	44.291 ug/ml
21) T n-Octatriacontane (C38)	19.807	3958092	44.301 ug/ml
22) T n-Tetracontane (C40)	20.609	3969228	46.434 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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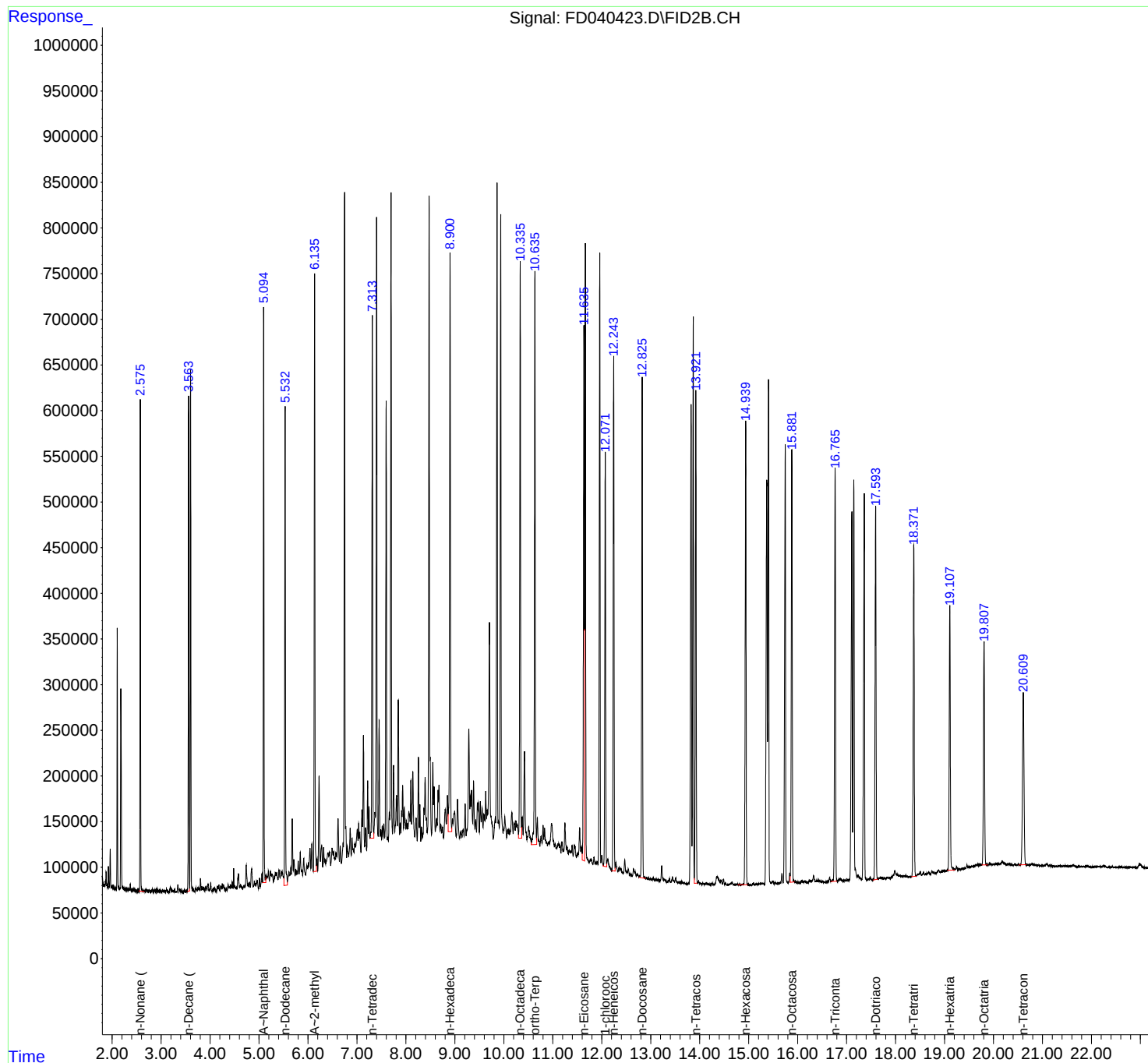
Response via : Initial Calibration

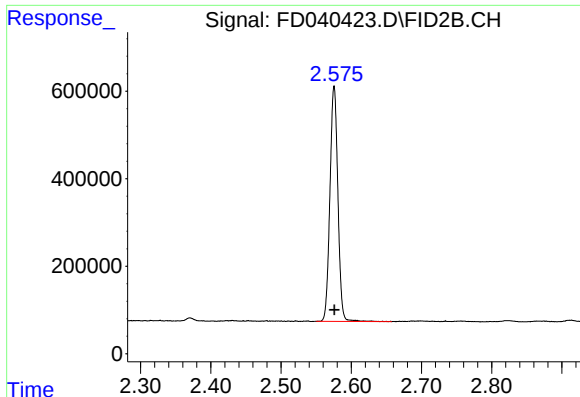
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Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.576 min
Delta R.T.: 0.000 min
Response: 4228933
Conc: 32.94 ug/ml

Instrument :

FID_D

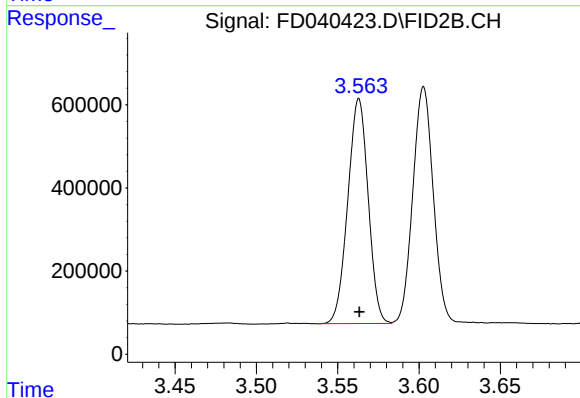
ClientSampleId :

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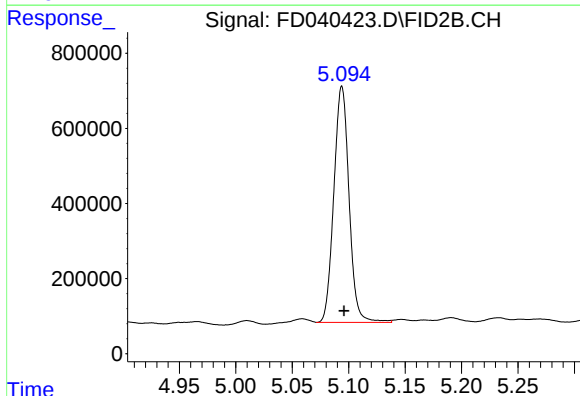
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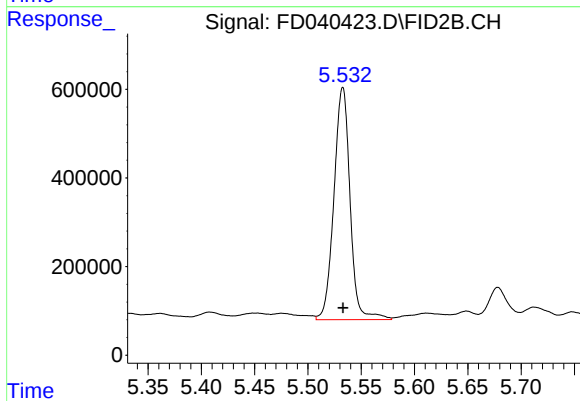
#2 n-Decane (C10)

R.T.: 3.563 min
Delta R.T.: 0.000 min
Response: 4720484
Conc: 36.66 ug/ml



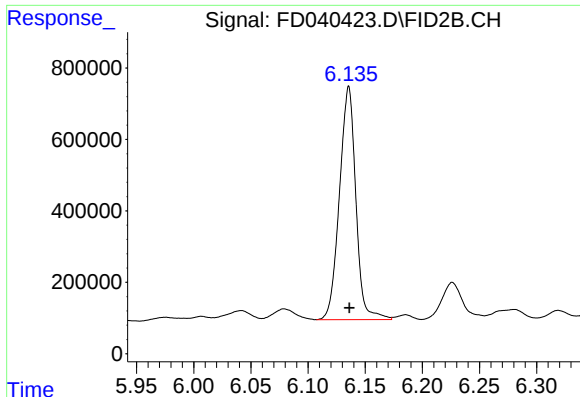
#3 A~Naphthalene (C11.7)

R.T.: 5.094 min
Delta R.T.: -0.002 min
Response: 5909397
Conc: 41.59 ug/ml m



#4 n-Dodecane (C12)

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 5532524
Conc: 43.29 ug/ml



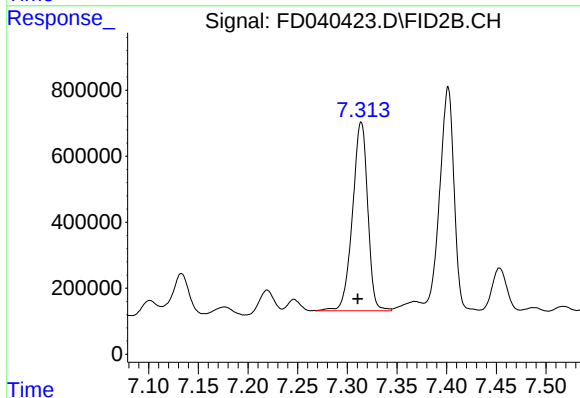
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 6530170
Conc: 46.29 ug/ml

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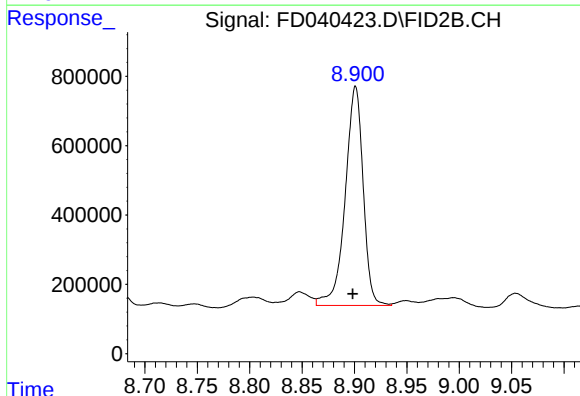
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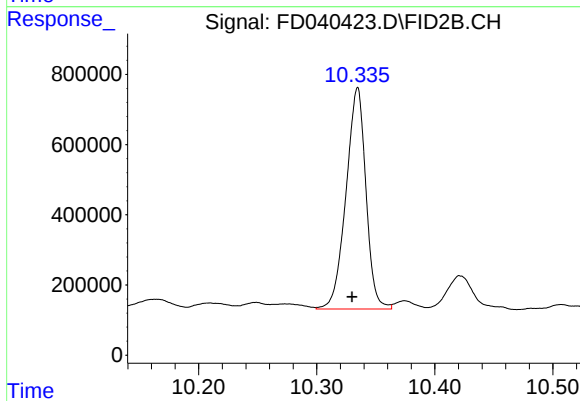
#6 n-Tetradecane (C14)

R.T.: 7.313 min
Delta R.T.: 0.003 min
Response: 6096410
Conc: 47.06 ug/ml m



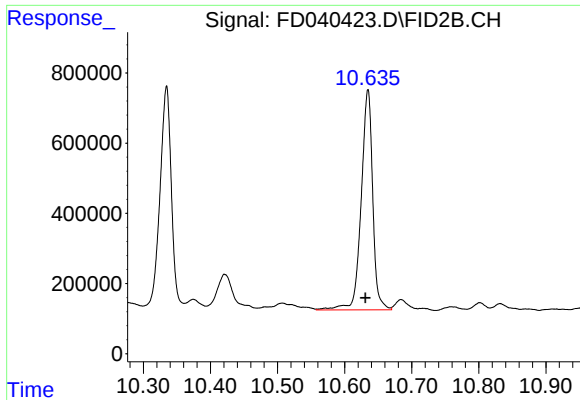
#7 n-Hexadecane (C16)

R.T.: 8.900 min
Delta R.T.: 0.002 min
Response: 7553205
Conc: 57.97 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.335 min
Delta R.T.: 0.005 min
Response: 7382894
Conc: 54.49 ug/ml m



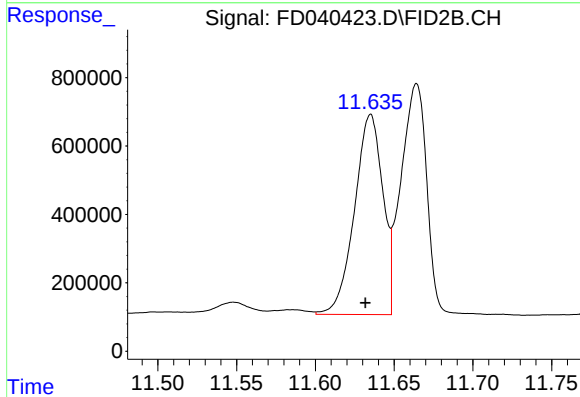
#9 ortho-Terphenyl (SURR)

R.T.: 10.635 min
Delta R.T.: 0.004 min
Response: 7505006
Conc: 48.67 ug/ml

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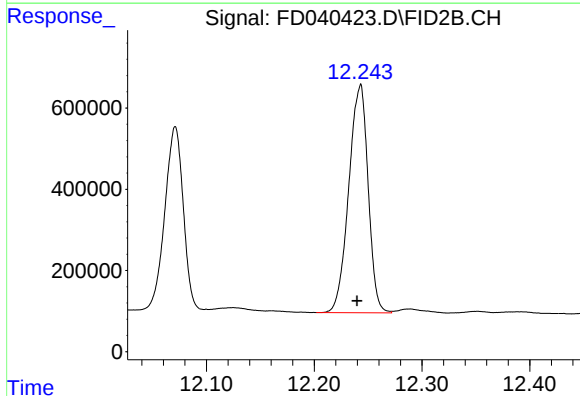
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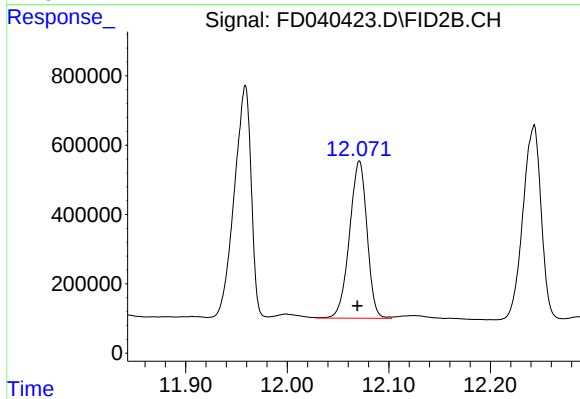
#10 n-Eicosane (C20)

R.T.: 11.635 min
Delta R.T.: 0.003 min
Response: 7321553
Conc: 53.83 ug/ml



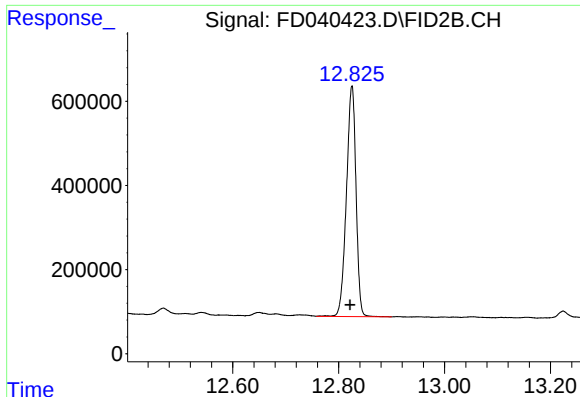
#11 n-Heneicosane (C21)

R.T.: 12.243 min
Delta R.T.: 0.003 min
Response: 7005992
Conc: 50.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.071 min
Delta R.T.: 0.002 min
Response: 5437195
Conc: 46.19 ug/ml



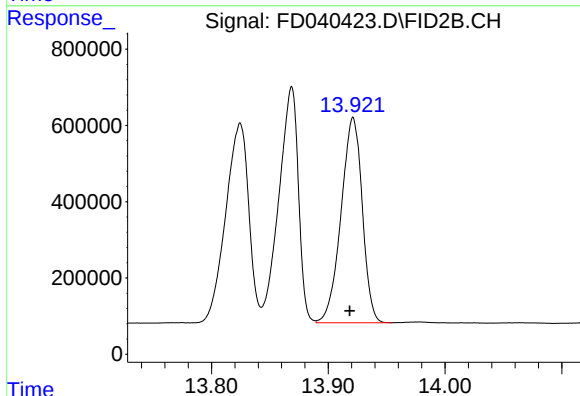
#13 n-Docosane (C22)

R.T.: 12.825 min
Delta R.T.: 0.003 min
Response: 6899603
Conc: 50.04 ug/ml

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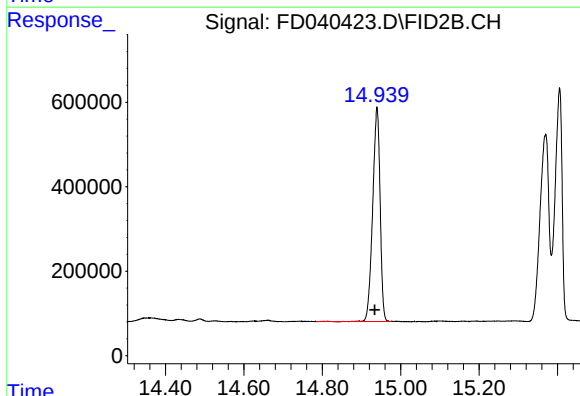
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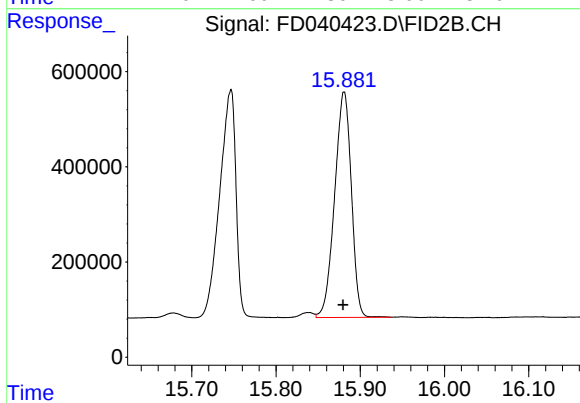
#14 n-Tetracosane (C24)

R.T.: 13.921 min
Delta R.T.: 0.003 min
Response: 6807104
Conc: 48.68 ug/ml



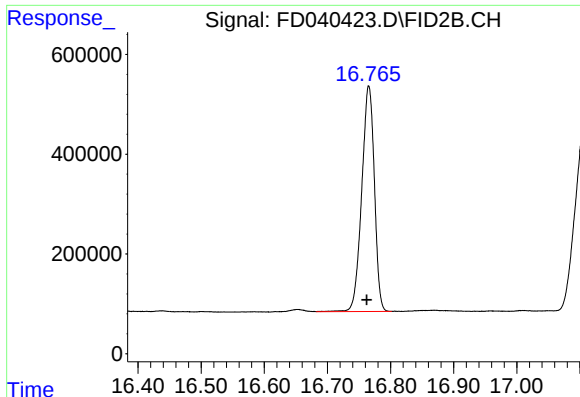
#15 n-Hexacosane (C26)

R.T.: 14.940 min
Delta R.T.: 0.006 min
Response: 6651030
Conc: 48.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.881 min
Delta R.T.: 0.001 min
Response: 6518423
Conc: 48.04 ug/ml



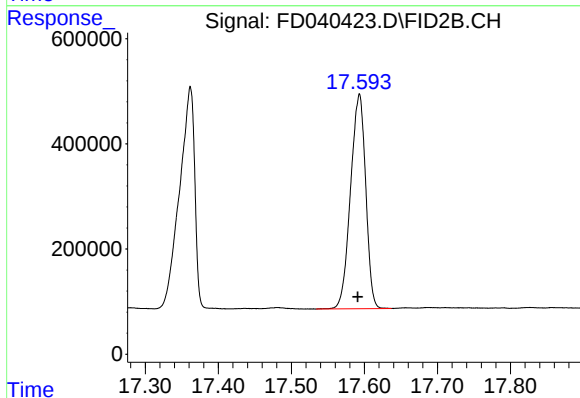
#17 n-Tricontane (C30)

R.T.: 16.766 min
Delta R.T.: 0.003 min
Response: 6288713
Conc: 48.25 ug/ml

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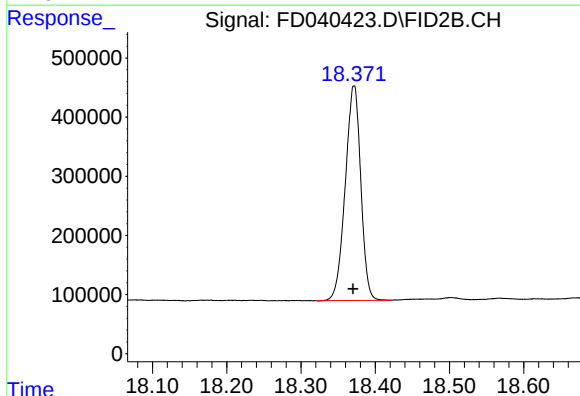
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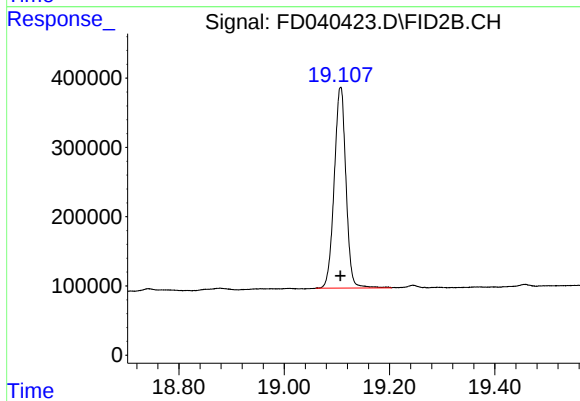
#18 n-Dotriacontane (C32)

R.T.: 17.593 min
Delta R.T.: 0.002 min
Response: 5880271
Conc: 49.19 ug/ml



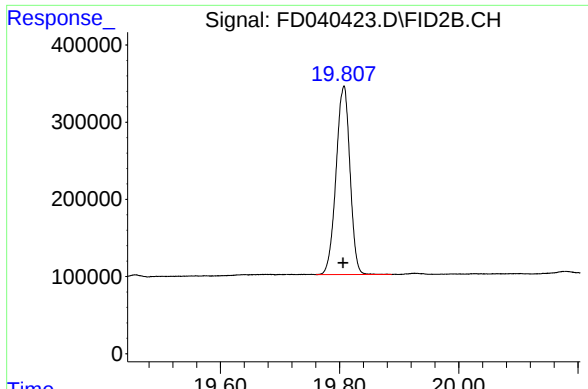
#19 n-Tetratriacontane (C34)

R.T.: 18.372 min
Delta R.T.: 0.002 min
Response: 5273807
Conc: 50.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.107 min
Delta R.T.: 0.000 min
Response: 4488061
Conc: 44.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.807 min
Delta R.T.: 0.001 min
Response: 3958092
Conc: 44.30 ug/ml

Instrument :

FID_D

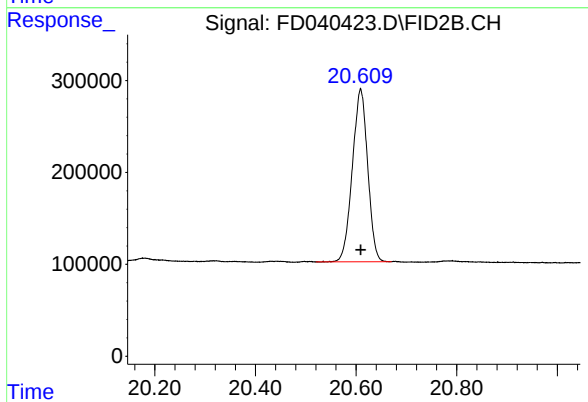
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#22 n-Tetracontane (C40)

R.T.: 20.609 min
Delta R.T.: 0.000 min
Response: 3969228
Conc: 46.43 ug/ml