

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012622AL\
 Data File : FD040791.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2022 19:40
 Operator : AJ\MA
 Sample : N1261-05MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 3MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/27/2022
 Supervised By :mohammad ahmed 01/27/2022

Integration File: autoint1.e
 Quant Time: Jan 27 02:11:29 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)	10.607	5224896	33.886 ug/ml
Spiked Amount 50.000		Recovery =	67.77%
12) S 1-chlorooctadecane (S...	12.043	3629860	30.838 ug/ml
Spiked Amount 50.000		Recovery =	61.68%
Target Compounds			
1) T n-Nonane (C9)	2.591	7215809	56.206 ug/ml
2) T n-Decane (C10)	3.563	7495145	58.207 ug/ml
3) T A~Naphthalene (C11.7)	5.082	8354337	58.803 ug/ml
4) T n-Dodecane (C12)	5.517	7621414	59.629 ug/ml
5) T A~2-methylnaphthalene...	6.119	8014501	56.811 ug/ml
6) T n-Tetradecane (C14)	7.293	7558878	58.352 ug/ml
7) T n-Hexadecane (C16)	8.878	7447673	57.165 ug/ml
8) T n-Octadecane (C18)	10.309	7297460	53.855 ug/ml
10) T n-Eicosane (C20)	11.609	7467547	54.900 ug/mlm
11) T n-Heneicosane (C21)	12.216	6813982	49.207 ug/ml
13) T n-Docosane (C22)	12.799	6701465	48.601 ug/ml
14) T n-Tetracosane (C24)	13.895	6679799	47.773 ug/ml
15) T n-Hexacosane (C26)	14.912	6472308	46.953 ug/ml
16) T n-Octacosane (C28)	15.854	6400463	47.171 ug/mlm
17) T n-Tricontane (C30)	16.739	6461926	49.578 ug/ml
18) T n-Dotriacontane (C32)	17.564	6285447	52.578 ug/ml
19) T n-Tetratriacontane (C34)	18.344	5862328	55.677 ug/ml
20) T n-Hexatriacontane (C36)	19.077	6333483	62.503 ug/mlm
21) T n-Octatriacontane (C38)	19.777	4598821	51.473 ug/ml
22) T n-Tetracontane (C40)	20.571	4593974	53.742 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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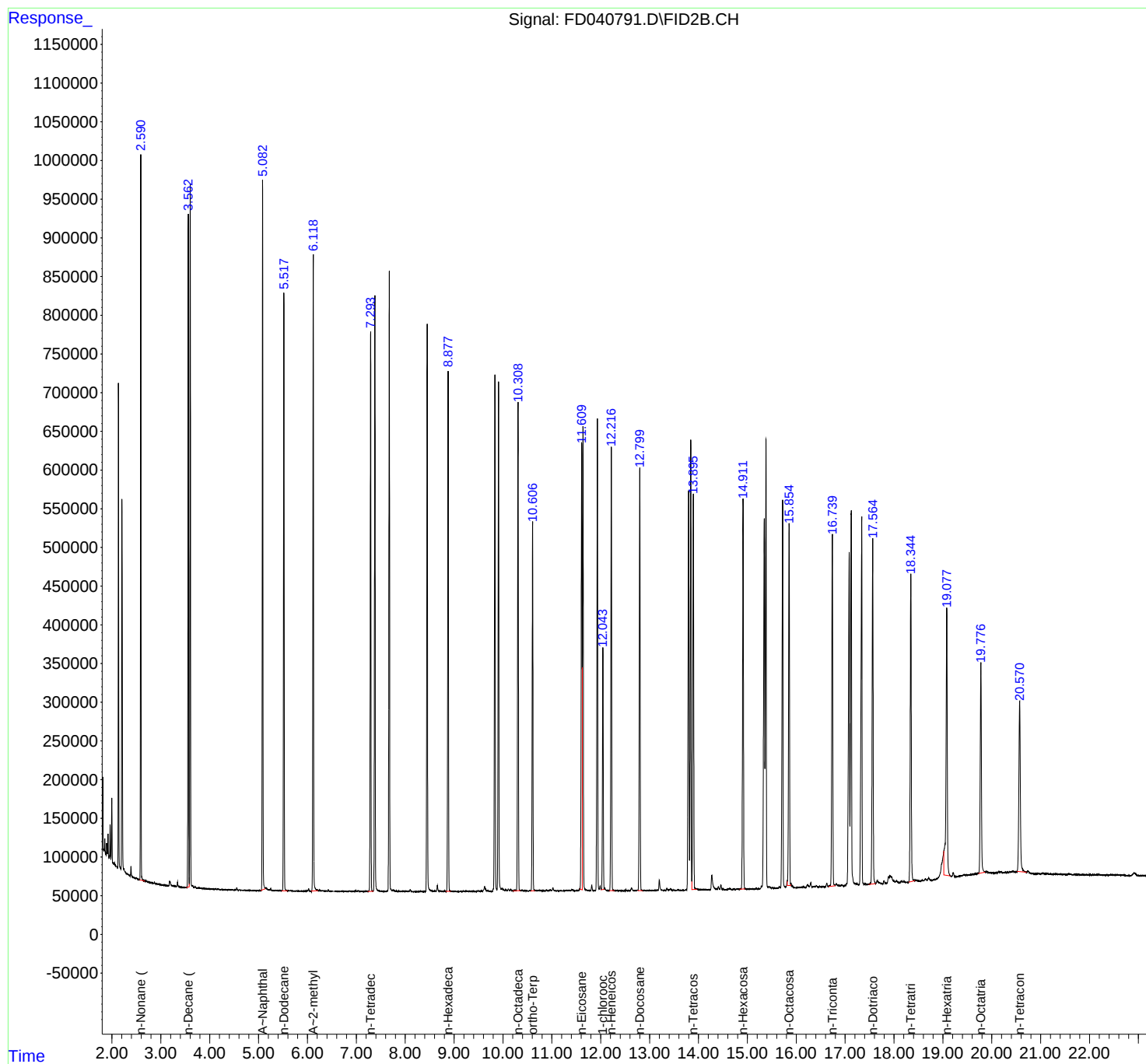
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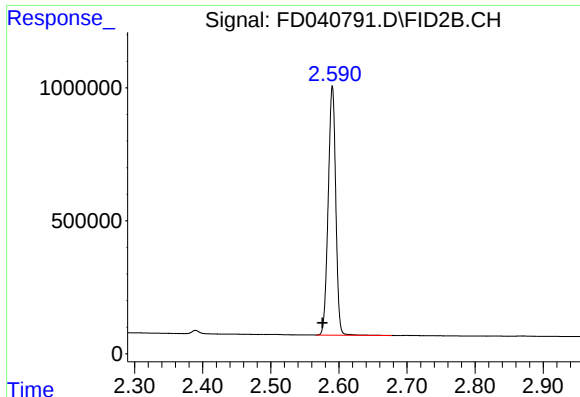
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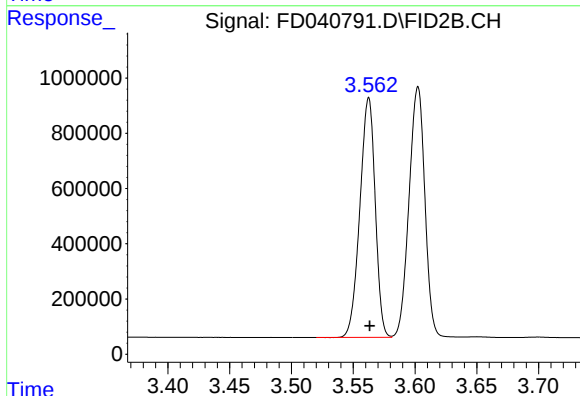
#1 n-Nonane (C9)

R.T.: 2.591 min
Delta R.T.: 0.015 min
Response: 7215809
Conc: 56.21 ug/ml

Instrument :
FID_D
ClientSampleId :
3MS

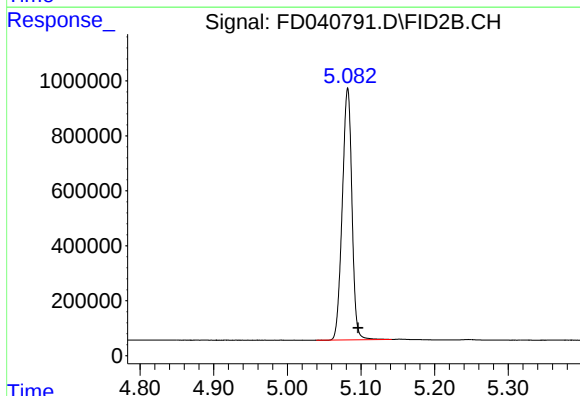
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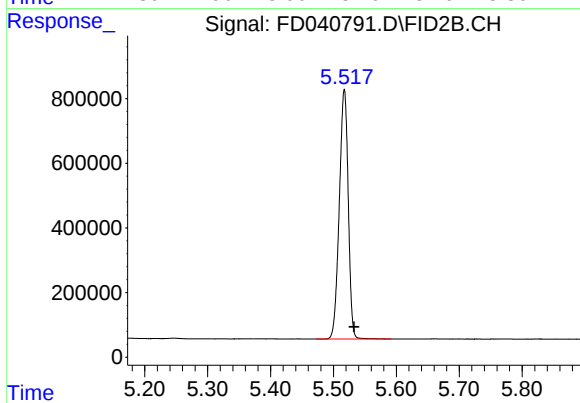
#2 n-Decane (C10)

R.T.: 3.563 min
Delta R.T.: 0.000 min
Response: 7495145
Conc: 58.21 ug/ml



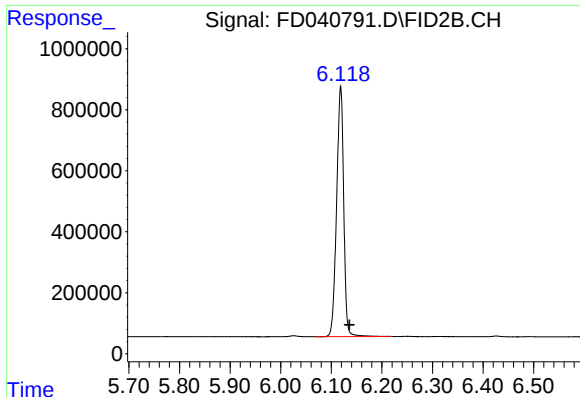
#3 A~Naphthalene (C11.7)

R.T.: 5.082 min
Delta R.T.: -0.014 min
Response: 8354337
Conc: 58.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.517 min
Delta R.T.: -0.016 min
Response: 7621414
Conc: 59.63 ug/ml



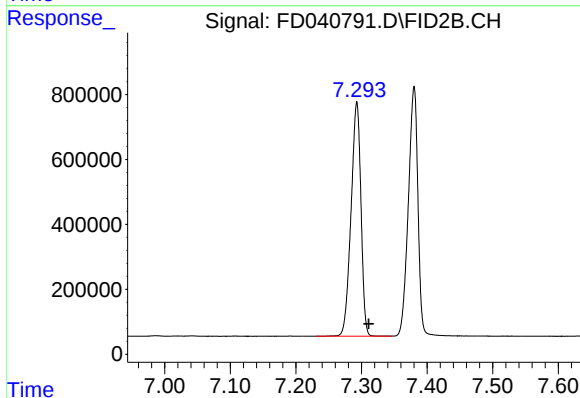
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.119 min
Delta R.T.: -0.017 min
Response: 8014501
Conc: 56.81 ug/ml

Instrument :
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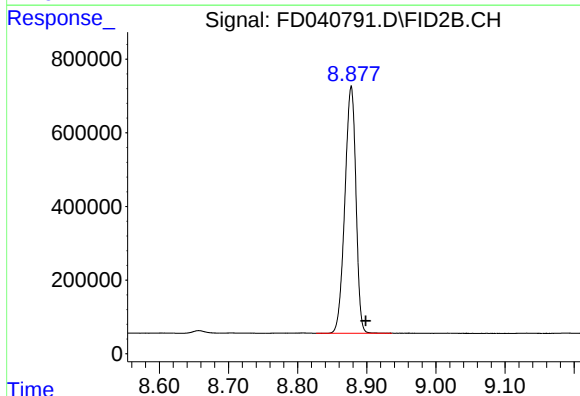
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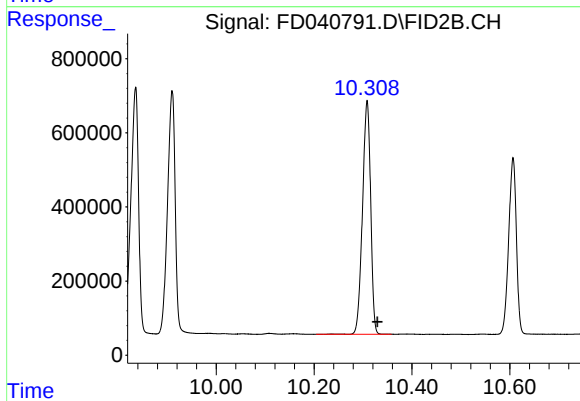
#6 n-Tetradecane (C14)

R.T.: 7.293 min
Delta R.T.: -0.018 min
Response: 7558878
Conc: 58.35 ug/ml



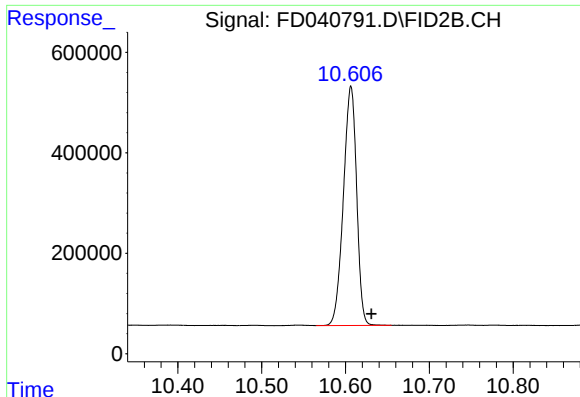
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: -0.021 min
Response: 7447673
Conc: 57.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.309 min
Delta R.T.: -0.021 min
Response: 7297460
Conc: 53.86 ug/ml



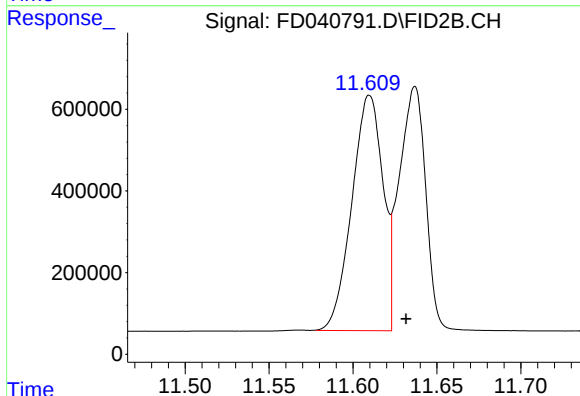
#9 ortho-Terphenyl (SURR)

R.T.: 10.607 min
Delta R.T.: -0.024 min
Response: 5224896
Conc: 33.89 ug/ml

Instrument :
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3MS

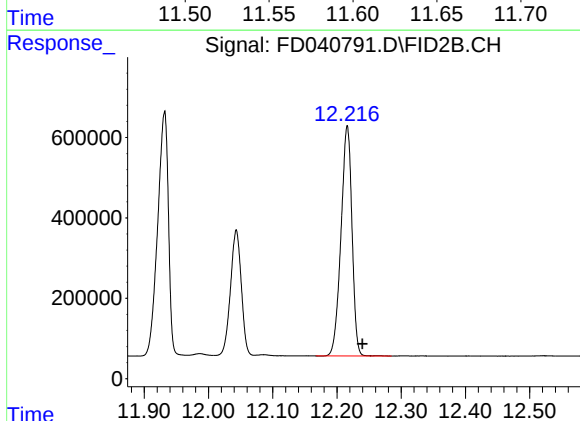
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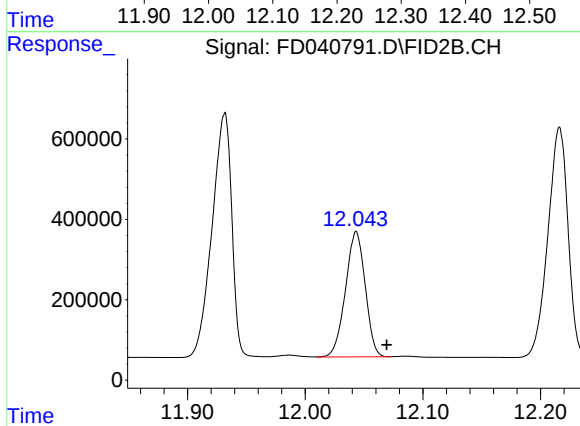
#10 n-Eicosane (C20)

R.T.: 11.609 min
Delta R.T.: -0.023 min
Response: 7467547
Conc: 54.90 ug/ml m



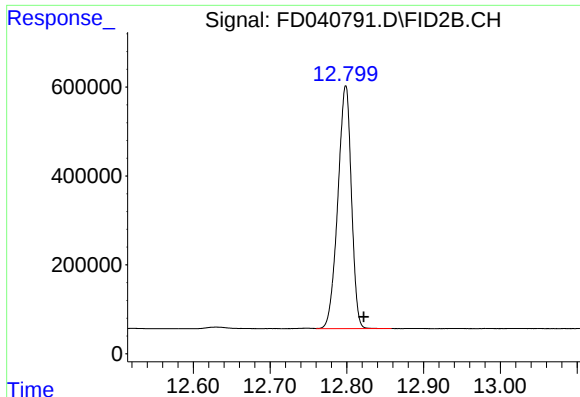
#11 n-Heneicosane (C21)

R.T.: 12.216 min
Delta R.T.: -0.023 min
Response: 6813982
Conc: 49.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.043 min
Delta R.T.: -0.026 min
Response: 3629860
Conc: 30.84 ug/ml



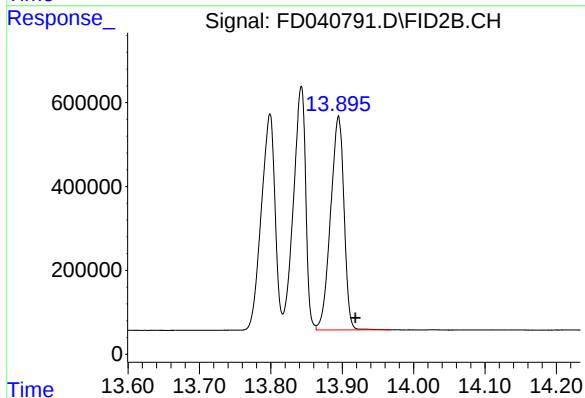
#13 n-Docosane (C22)

R.T.: 12.799 min
Delta R.T.: -0.023 min
Response: 6701465
Conc: 48.60 ug/ml

Instrument :
FID_D
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3MS

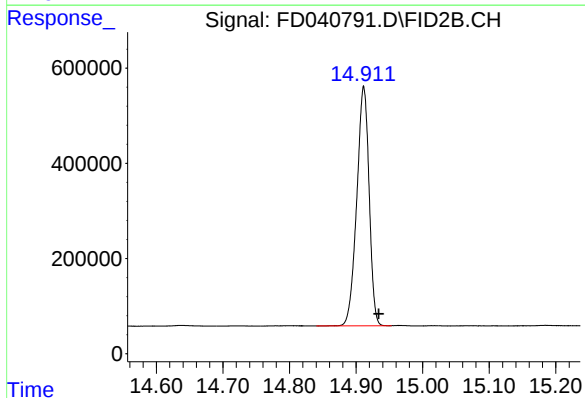
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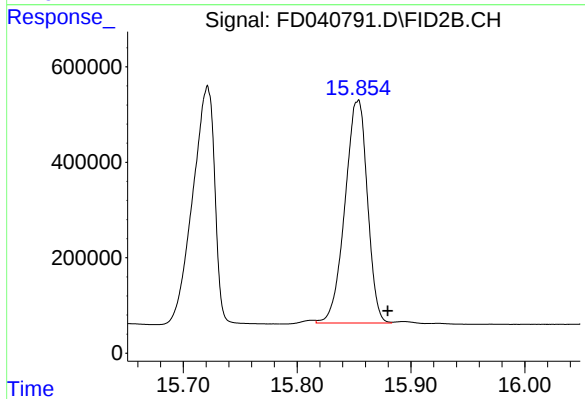
#14 n-Tetracosane (C24)

R.T.: 13.895 min
Delta R.T.: -0.024 min
Response: 6679799
Conc: 47.77 ug/ml



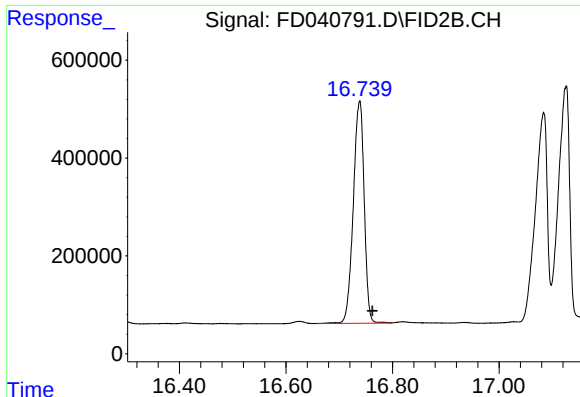
#15 n-Hexacosane (C26)

R.T.: 14.912 min
Delta R.T.: -0.022 min
Response: 6472308
Conc: 46.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.854 min
Delta R.T.: -0.026 min
Response: 6400463
Conc: 47.17 ug/ml m



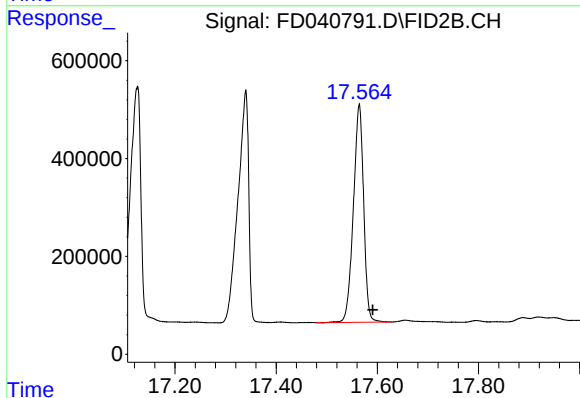
#17 n-Tricontane (C30)

R.T.: 16.739 min
Delta R.T.: -0.024 min
Response: 6461926
Conc: 49.58 ug/ml

Instrument :
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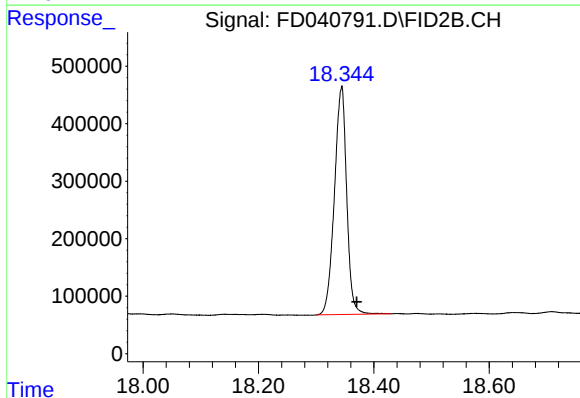
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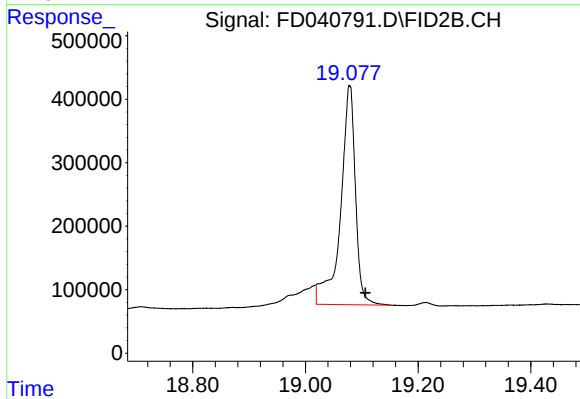
#18 n-Dotriacontane (C32)

R.T.: 17.564 min
Delta R.T.: -0.027 min
Response: 6285447
Conc: 52.58 ug/ml



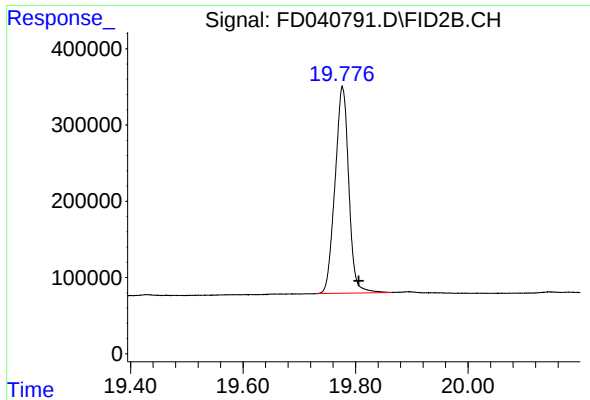
#19 n-Tetratriacontane (C34)

R.T.: 18.344 min
Delta R.T.: -0.026 min
Response: 5862328
Conc: 55.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.077 min
Delta R.T.: -0.029 min
Response: 6333483
Conc: 62.50 ug/ml m



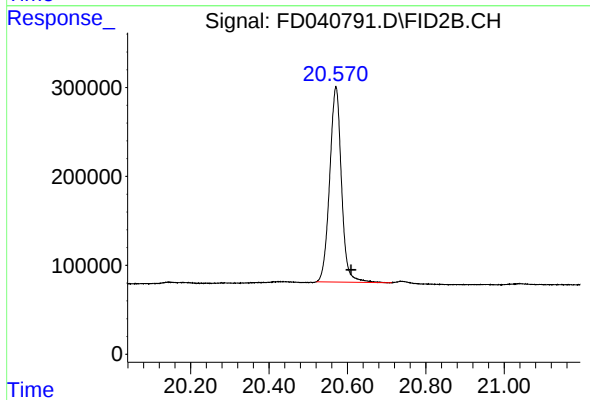
#21 n-Octatriacontane (C38)

R.T.: 19.777 min
Delta R.T.: -0.029 min
Response: 4598821
Conc: 51.47 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.571 min
Delta R.T.: -0.038 min
Response: 4593974
Conc: 53.74 ug/ml