

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031422AL\
 Data File : FE035322.D
 Signal(s) : FID1B.CH
 Acq On : 15 Mar 2022 00:18
 Operator : YP\AJ
 Sample : N1919-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/15/2022
 Supervised By :Ankita Jodhani 03/15/2022

Integration File: autoint1.e
 Quant Time: Mar 15 01:49:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 022822.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 02:07:56 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)	11.374	4018148	29.011 ug/ml
Spiked Amount 50.000		Recovery =	58.02%
12) S 1-chlorooctadecane (S...	12.807	2833217	26.156 ug/ml
Spiked Amount 50.000		Recovery =	52.31%
Target Compounds			
1) T n-Nonane (C9)	3.208	6107213	53.187 ug/ml
2) T n-Decane (C10)	4.253	6425893	56.404 ug/ml
3) T A~Naphthalene (C11.7)	5.814	6969389	54.872 ug/ml
4) T n-Dodecane (C12)	6.251	6487514	55.178 ug/ml
5) T A~2-methylnaphthalene...	6.864	6687066	52.350 ug/ml
6) T n-Tetradecane (C14)	8.038	6437031	53.938 ug/ml
7) T n-Hexadecane (C16)	9.630	6350177	52.121 ug/ml
8) T n-Octadecane (C18)	11.067	6388244	50.961 ug/ml
10) T n-Eicosane (C20)	12.370	6085836	48.129 ug/ml
11) T n-Heneicosane (C21)	12.978	5978318	46.944 ug/ml
13) T n-Docosane (C22)	13.563	5832639	45.933 ug/ml
14) T n-Tetracosane (C24)	14.660	5706508	45.056 ug/ml
15) T n-Hexacosane (C26)	15.678	5425847	43.758 ug/ml
16) T n-Octacosane (C28)	16.622	5340460	44.557 ug/ml
17) T n-Tricontane (C30)	17.508	5108456	45.102 ug/ml
18) T n-Dotriacontane (C32)	18.331	5087621	49.962 ug/ml
19) T n-Tetratriacontane (C34)	19.113	5172432	57.970 ug/ml
20) T n-Hexatriacontane (C36)	19.850	5004060	65.917 ug/ml
21) T n-Octatriacontane (C38)	20.551	4978174	75.388 ug/mlm
22) T n-Tetracontane (C40)	21.369	4968340	81.226 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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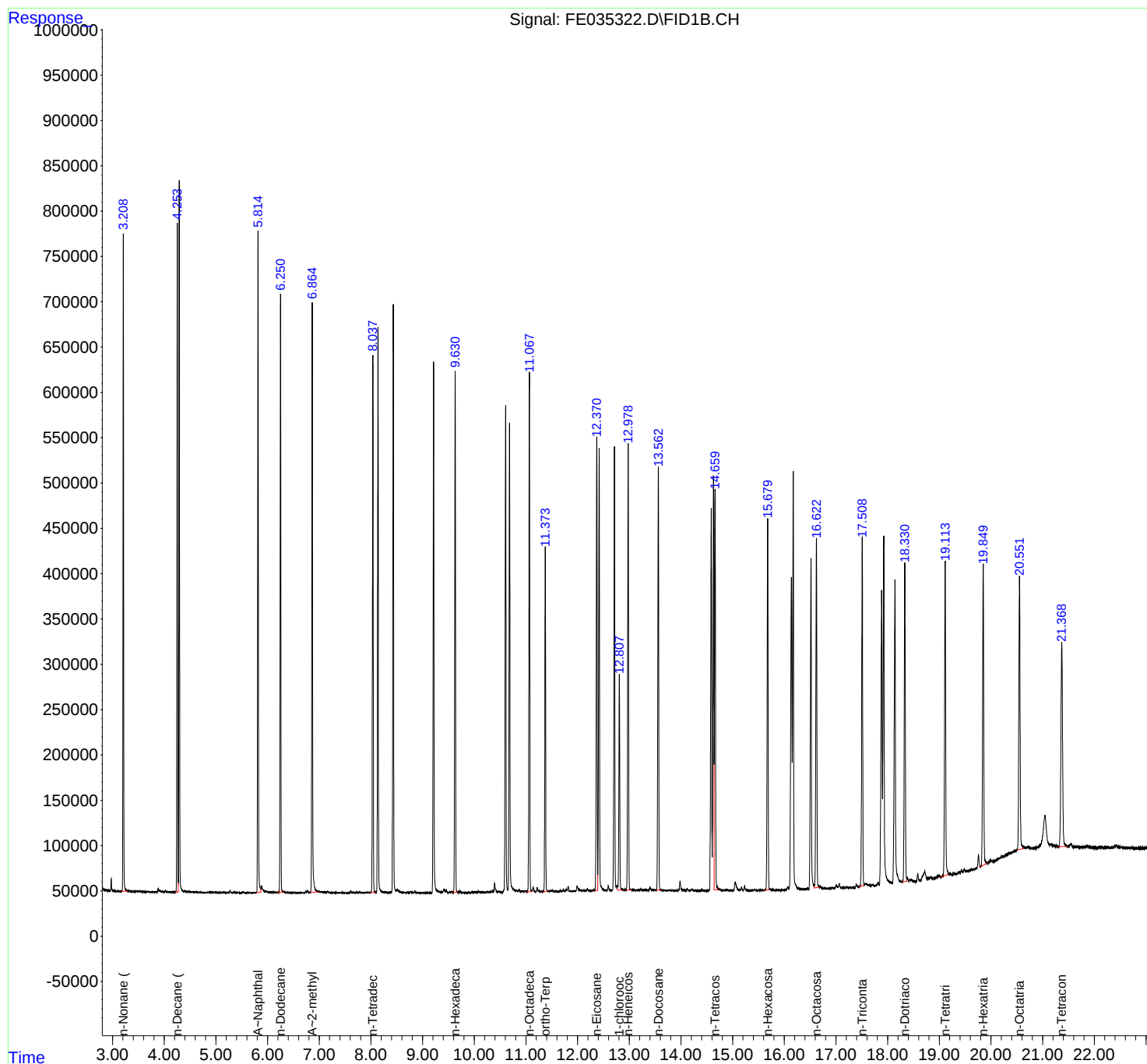
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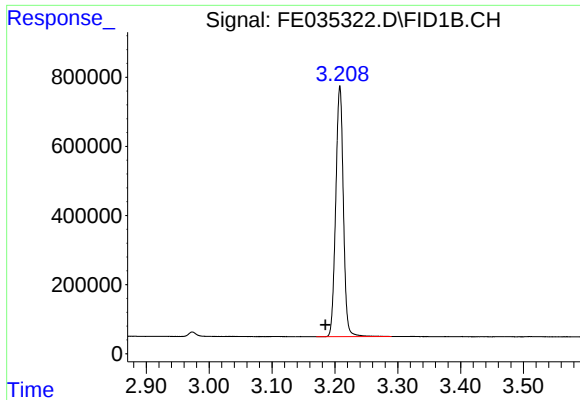
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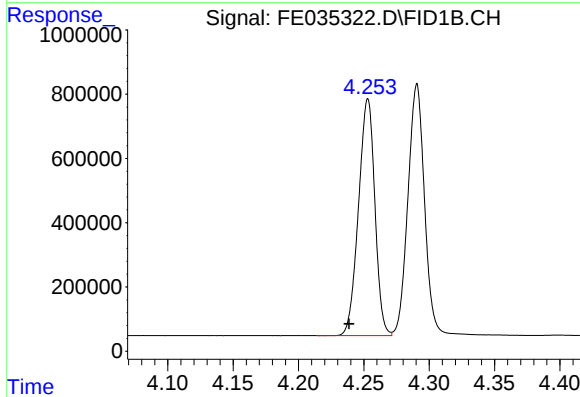
#1 n-Nonane (C9)

R.T.: 3.208 min
Delta R.T.: 0.023 min
Response: 6107213
Conc: 53.19 ug/ml

Instrument :
FID_E
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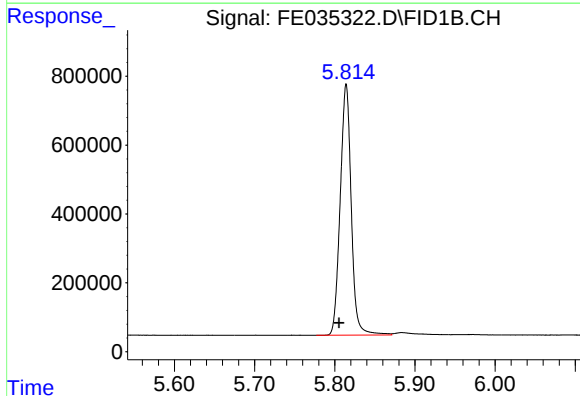
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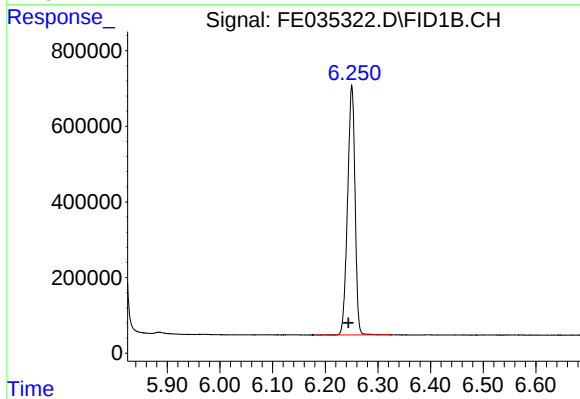
#2 n-Decane (C10)

R.T.: 4.253 min
Delta R.T.: 0.014 min
Response: 6425893
Conc: 56.40 ug/ml



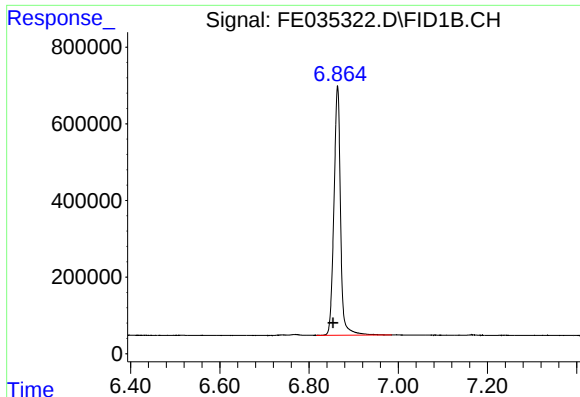
#3 A~Naphthalene (C11.7)

R.T.: 5.814 min
Delta R.T.: 0.009 min
Response: 6969389
Conc: 54.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.251 min
Delta R.T.: 0.007 min
Response: 6487514
Conc: 55.18 ug/ml



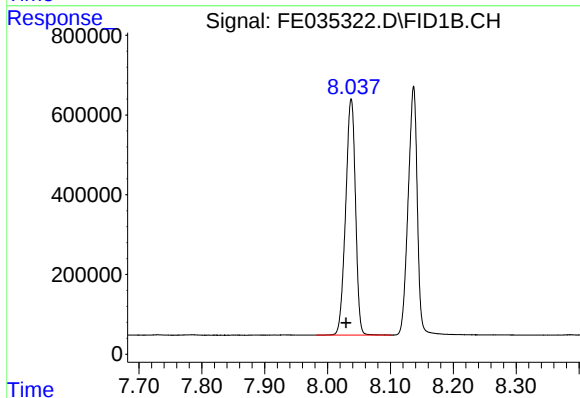
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: 0.010 min
Response: 6687066
Conc: 52.35 ug/ml

Instrument :
FID_E
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5MSD

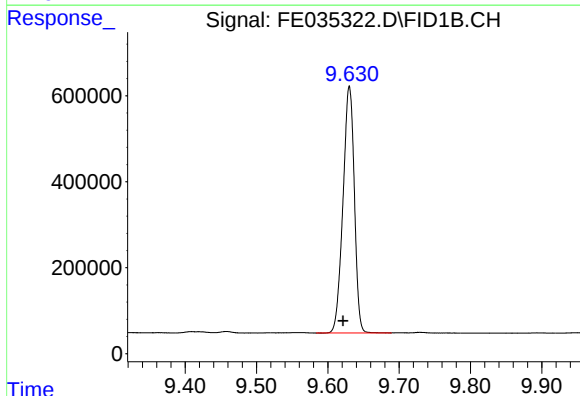
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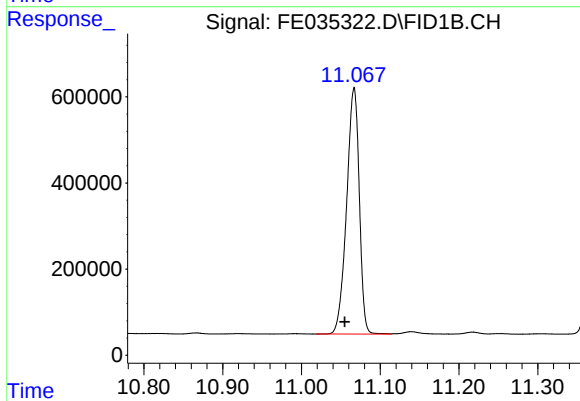
#6 n-Tetradecane (C14)

R.T.: 8.038 min
Delta R.T.: 0.008 min
Response: 6437031
Conc: 53.94 ug/ml



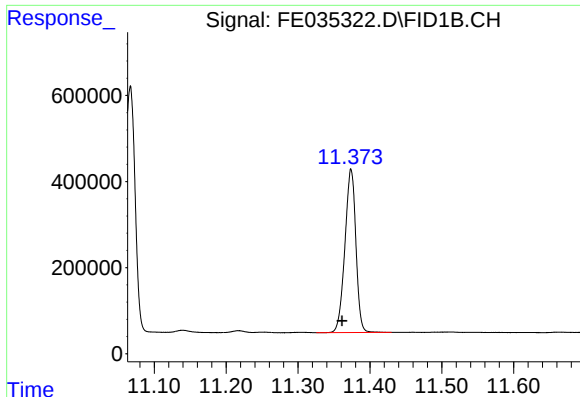
#7 n-Hexadecane (C16)

R.T.: 9.630 min
Delta R.T.: 0.009 min
Response: 6350177
Conc: 52.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.067 min
Delta R.T.: 0.012 min
Response: 6388244
Conc: 50.96 ug/ml



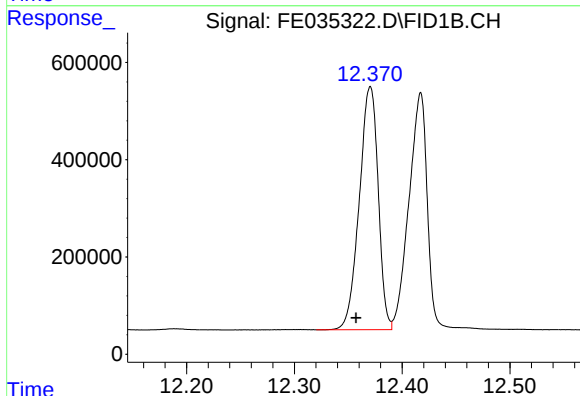
#9 ortho-Terphenyl (SURR)

R.T.: 11.374 min
Delta R.T.: 0.012 min
Response: 4018148
Conc: 29.01 ug/ml

Instrument :
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ClientSampleId :
5MSD

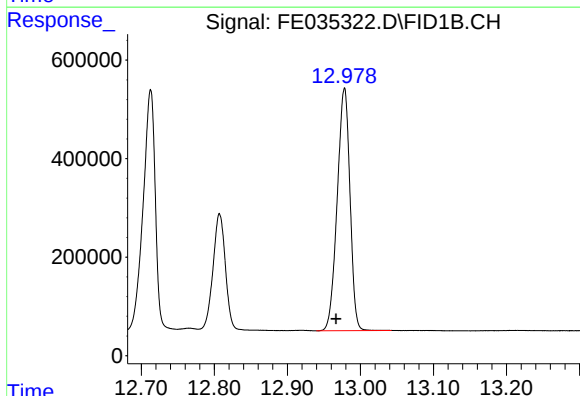
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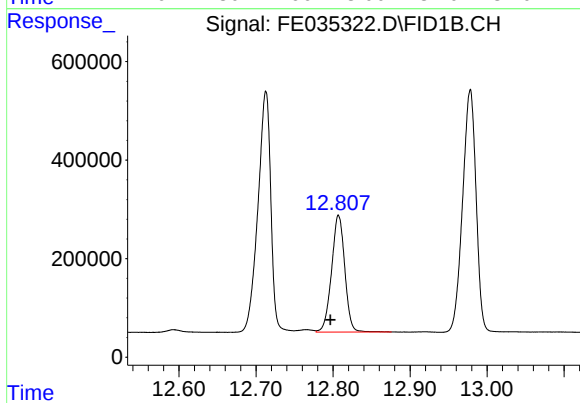
#10 n-Eicosane (C20)

R.T.: 12.370 min
Delta R.T.: 0.013 min
Response: 6085836
Conc: 48.13 ug/ml



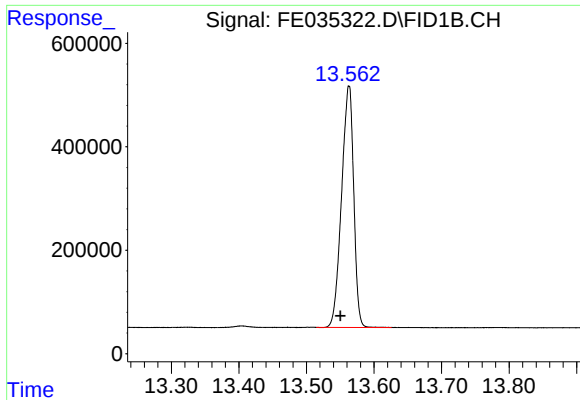
#11 n-Heneicosane (C21)

R.T.: 12.978 min
Delta R.T.: 0.011 min
Response: 5978318
Conc: 46.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.807 min
Delta R.T.: 0.010 min
Response: 2833217
Conc: 26.16 ug/ml



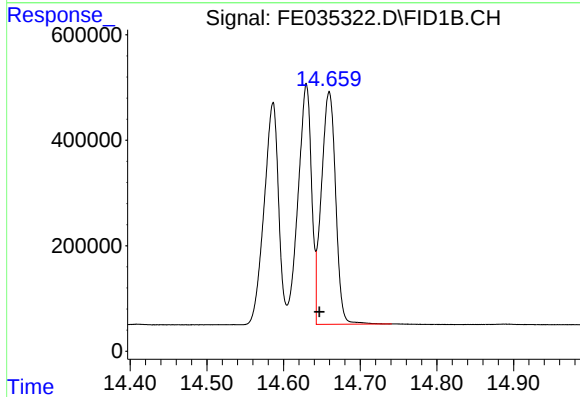
#13 n-Docosane (C22)

R.T.: 13.563 min
Delta R.T.: 0.013 min
Response: 5832639
Conc: 45.93 ug/ml

Instrument :
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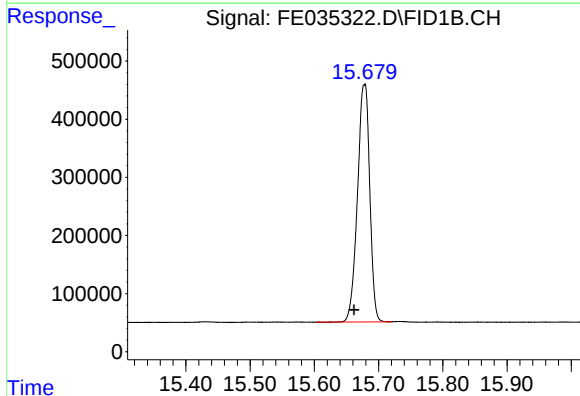
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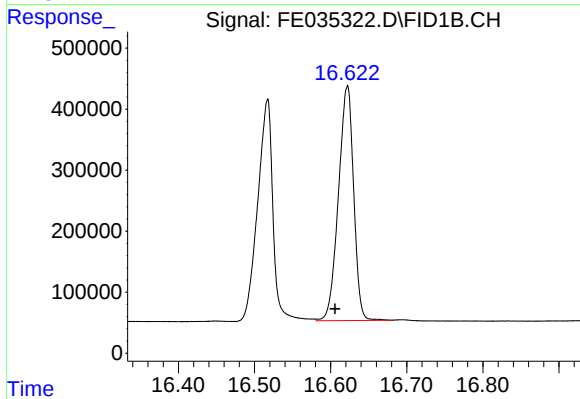
#14 n-Tetracosane (C24)

R.T.: 14.660 min
Delta R.T.: 0.013 min
Response: 5706508
Conc: 45.06 ug/ml



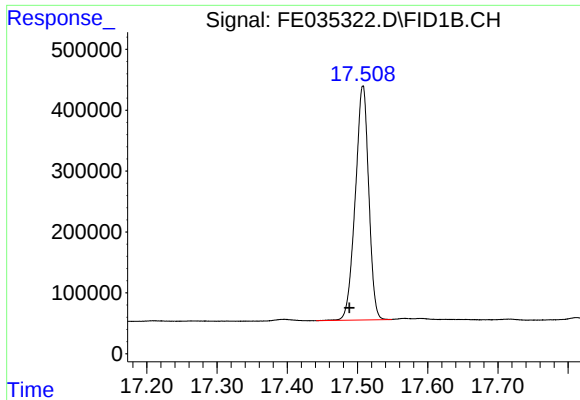
#15 n-Hexacosane (C26)

R.T.: 15.678 min
Delta R.T.: 0.017 min
Response: 5425847
Conc: 43.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.622 min
Delta R.T.: 0.016 min
Response: 5340460
Conc: 44.56 ug/ml



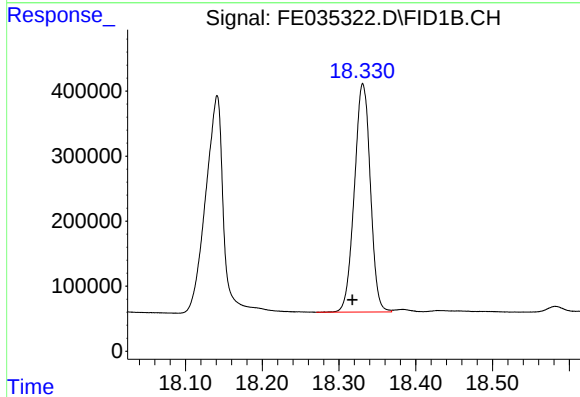
#17 n-Tricontane (C30)

R.T.: 17.508 min
Delta R.T.: 0.019 min
Response: 5108456
Conc: 45.10 ug/ml

Instrument :
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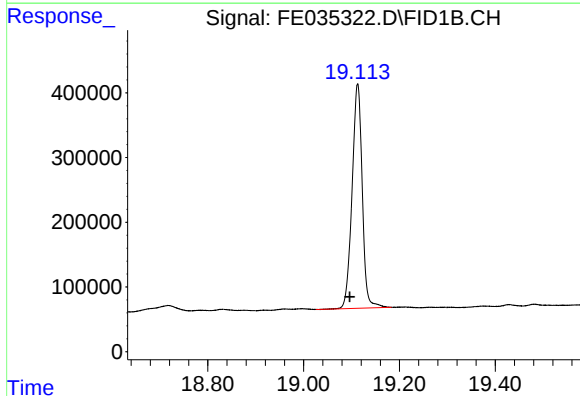
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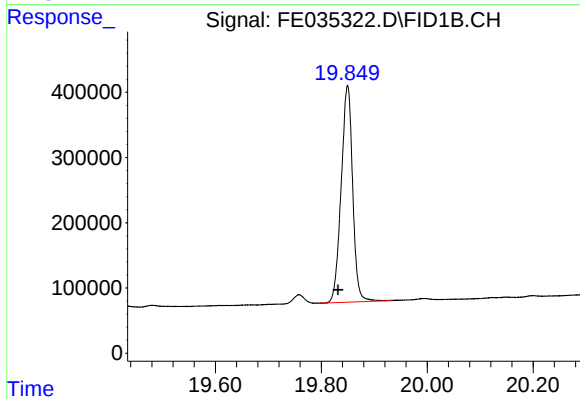
#18 n-Dotriacontane (C32)

R.T.: 18.331 min
Delta R.T.: 0.014 min
Response: 5087621
Conc: 49.96 ug/ml



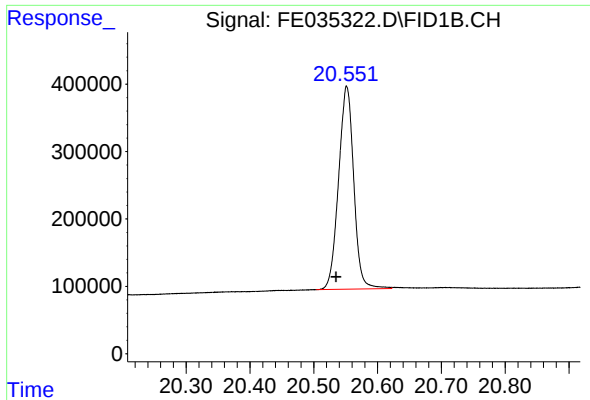
#19 n-Tetratriacontane (C34)

R.T.: 19.113 min
Delta R.T.: 0.017 min
Response: 5172432
Conc: 57.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.850 min
Delta R.T.: 0.018 min
Response: 5004060
Conc: 65.92 ug/ml



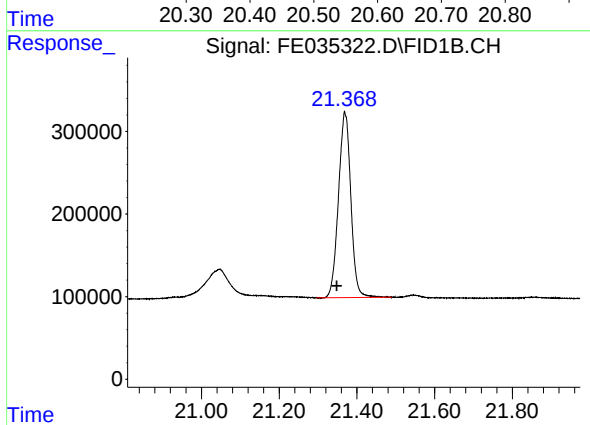
#21 n-Octatriacontane (C38)

R.T.: 20.551 min
Delta R.T.: 0.016 min
Response: 4978174
Conc: 75.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.369 min
Delta R.T.: 0.021 min
Response: 4968340
Conc: 81.23 ug/ml