

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010722AL\
 Data File : FE034699.D
 Signal(s) : FID1B.CH
 Acq On : 08 Jan 2022 11:38
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/10/2022
 Supervised By :Ankita Jodhani 01/10/2022

Integration File: autoint1.e
 Quant Time: Jan 09 23:50:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010622.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 07 12:52:40 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)	11.091	2532657	18.307 ug/ml
Spiked Amount 50.000		Recovery =	36.61%
12) S 1-chlorooctadecane (S...	12.523	1942782	18.452 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
Target Compounds			
1) T n-Nonane (C9)	2.931	2359744	20.239 ug/ml
2) T n-Decane (C10)	3.962	2398893	20.289 ug/ml
3) T A~Naphthalene (C11.7)	5.527	2650952	20.092 ug/ml
4) T n-Dodecane (C12)	5.960	2399967	20.161 ug/ml
5) T A~2-methylnaphthalene...	6.576	2656868	19.949 ug/ml
6) T n-Tetradecane (C14)	7.747	2417196	19.910 ug/ml
7) T n-Hexadecane (C16)	9.342	2384908	19.579 ug/ml
8) T n-Octadecane (C18)	10.778	2374014	19.039 ug/ml
10) T n-Eicosane (C20)	12.082	2281526	18.500 ug/ml
11) T n-Heneicosane (C21)	12.692	2267607	18.218 ug/ml
13) T n-Docosane (C22)	13.275	2207423	17.904 ug/ml
14) T n-Tetracosane (C24)	14.374	2141290	17.401 ug/ml
15) T n-Hexacosane (C26)	15.391	2047829	17.186 ug/ml
16) T n-Octacosane (C28)	16.336	2000612	17.304 ug/ml
17) T n-Tricontane (C30)	17.220	1965662	18.007 ug/ml
18) T n-Dotriacontane (C32)	18.050	1829299	19.080 ug/ml
19) T n-Tetratriacontane (C34)	18.828	1625967	19.607 ug/ml
20) T n-Hexatriacontane (C36)	19.566	1517288	22.219 ug/mlm
21) T n-Octatriacontane (C38)	20.277	1193008	20.697 ug/mlm
22) T n-Tetracontane (C40)	21.115	1126494	22.532 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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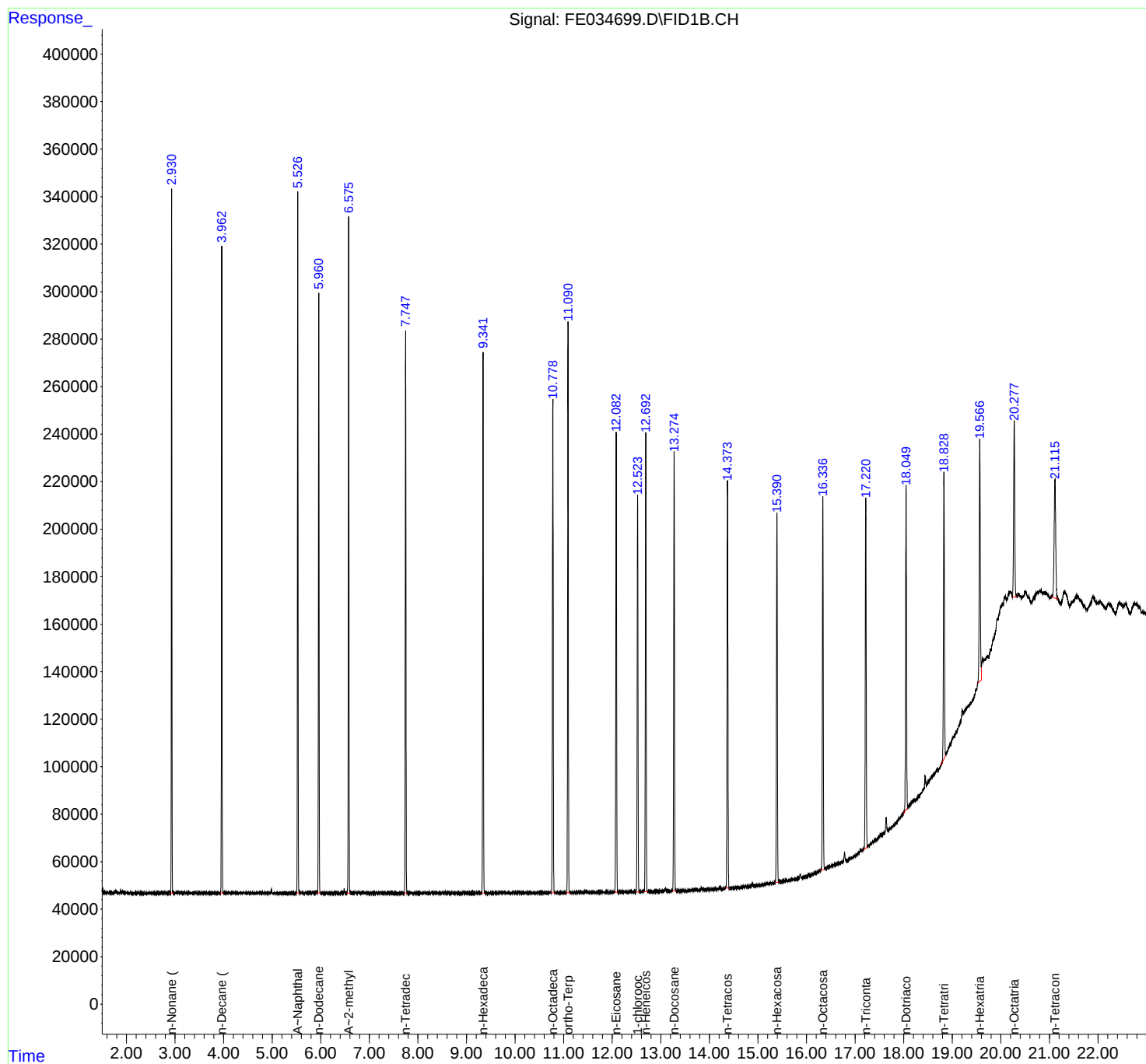
Instrument :
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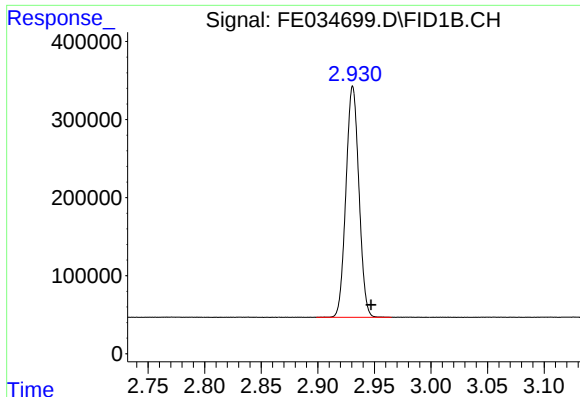
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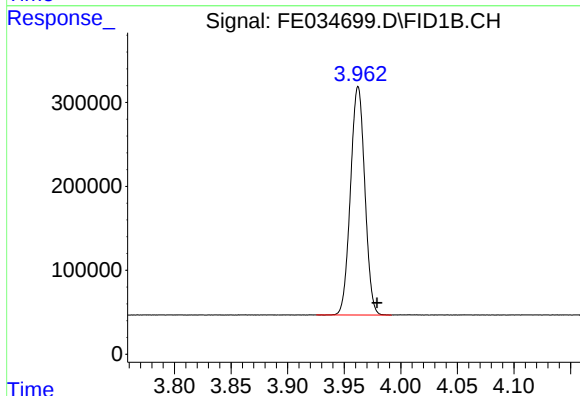
#1 n-Nonane (C9)

R.T.: 2.931 min
Delta R.T.: -0.016 min
Response: 2359744
Conc: 20.24 ug/ml

Instrument :
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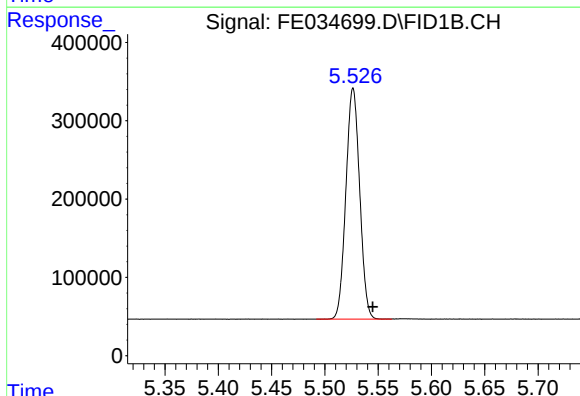
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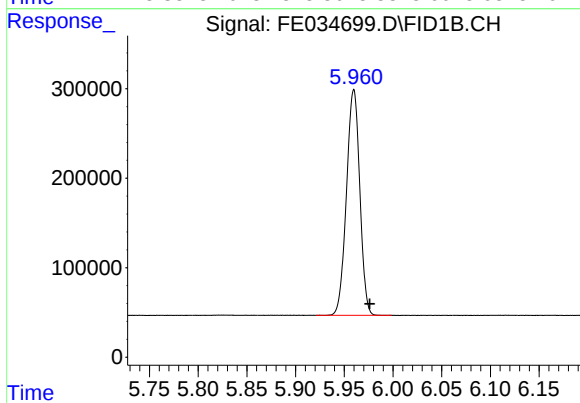
#2 n-Decane (C10)

R.T.: 3.962 min
Delta R.T.: -0.017 min
Response: 2398893
Conc: 20.29 ug/ml



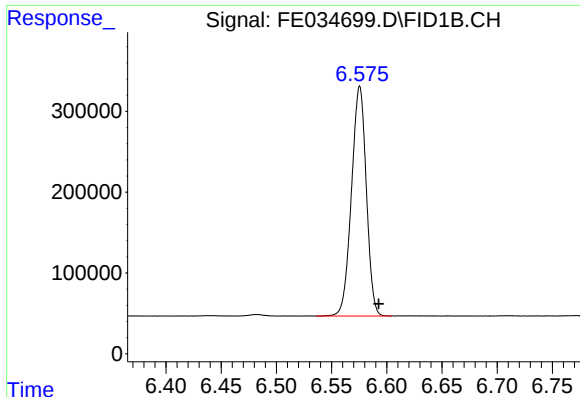
#3 A~Naphthalene (C11.7)

R.T.: 5.527 min
Delta R.T.: -0.018 min
Response: 2650952
Conc: 20.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.960 min
Delta R.T.: -0.017 min
Response: 2399967
Conc: 20.16 ug/ml



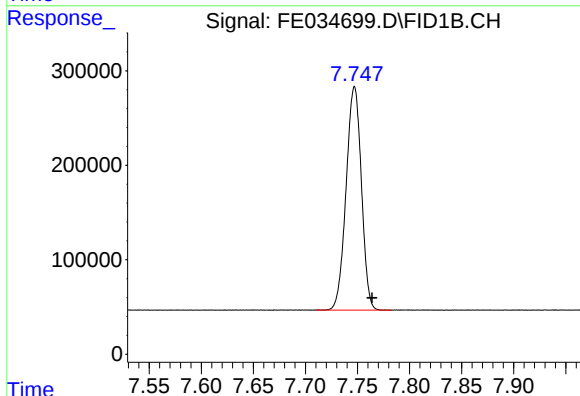
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.576 min
Delta R.T.: -0.017 min
Response: 2656868
Conc: 19.95 ug/ml

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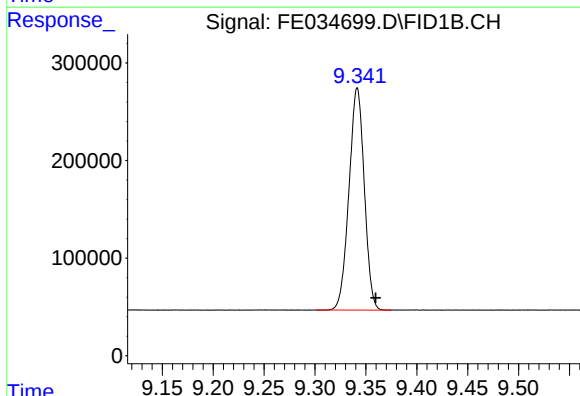
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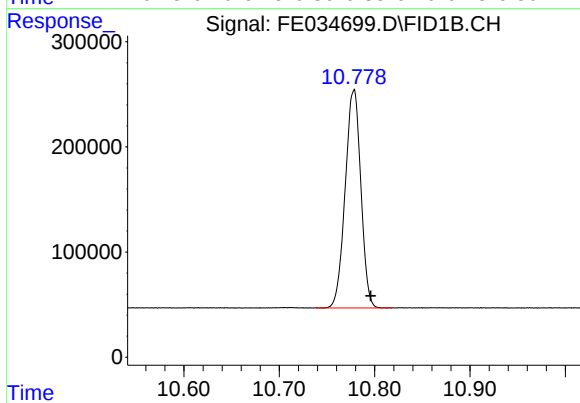
#6 n-Tetradecane (C14)

R.T.: 7.747 min
Delta R.T.: -0.017 min
Response: 2417196
Conc: 19.91 ug/ml



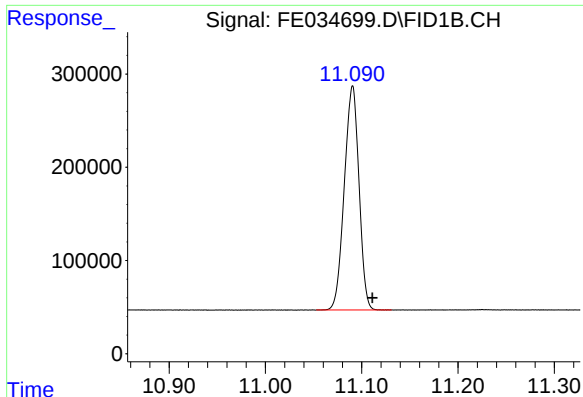
#7 n-Hexadecane (C16)

R.T.: 9.342 min
Delta R.T.: -0.018 min
Response: 2384908
Conc: 19.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.778 min
Delta R.T.: -0.018 min
Response: 2374014
Conc: 19.04 ug/ml



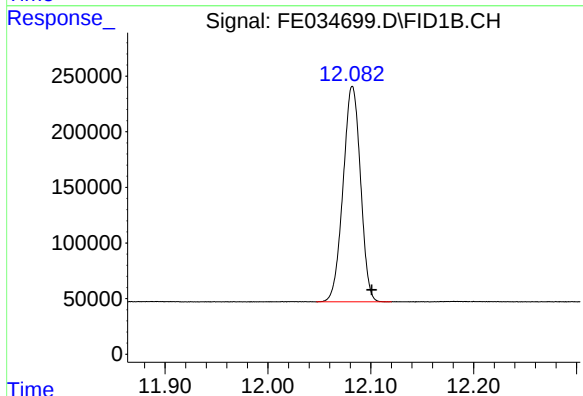
#9 ortho-Terphenyl (SURR)

R.T.: 11.091 min
Delta R.T.: -0.021 min
Response: 2532657
Conc: 18.31 ug/ml

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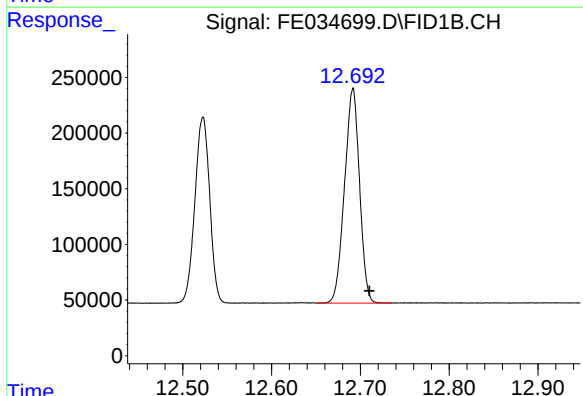
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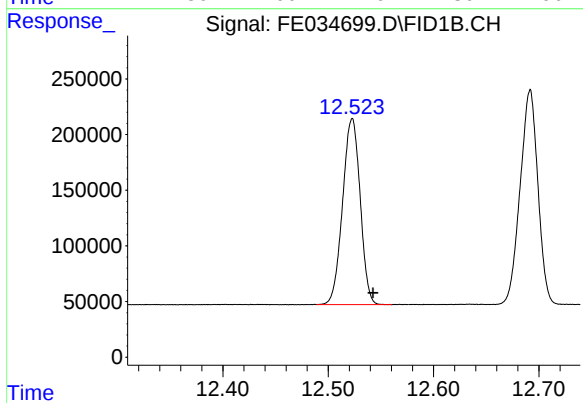
#10 n-Eicosane (C20)

R.T.: 12.082 min
Delta R.T.: -0.019 min
Response: 2281526
Conc: 18.50 ug/ml



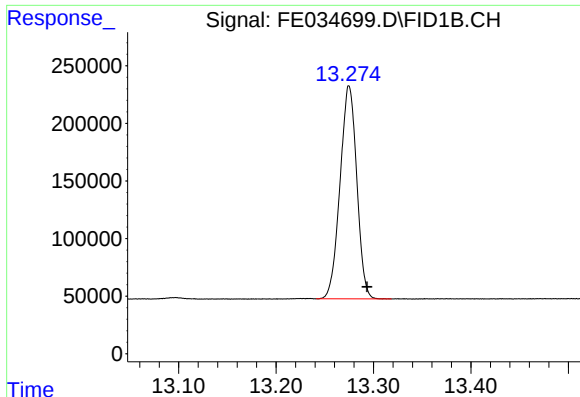
#11 n-Heneicosane (C21)

R.T.: 12.692 min
Delta R.T.: -0.019 min
Response: 2267607
Conc: 18.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.523 min
Delta R.T.: -0.020 min
Response: 1942782
Conc: 18.45 ug/ml



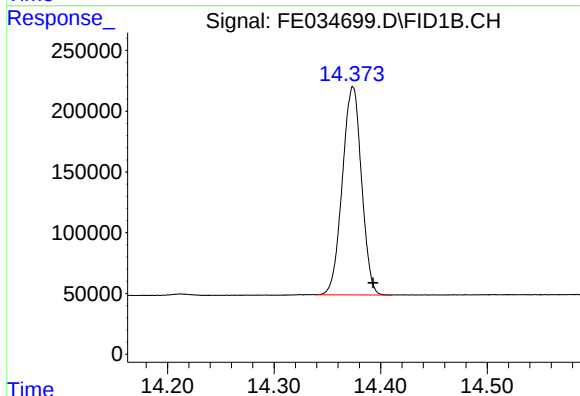
#13 n-Docosane (C22)

R.T.: 13.275 min
Delta R.T.: -0.018 min
Response: 2207423
Conc: 17.90 ug/ml

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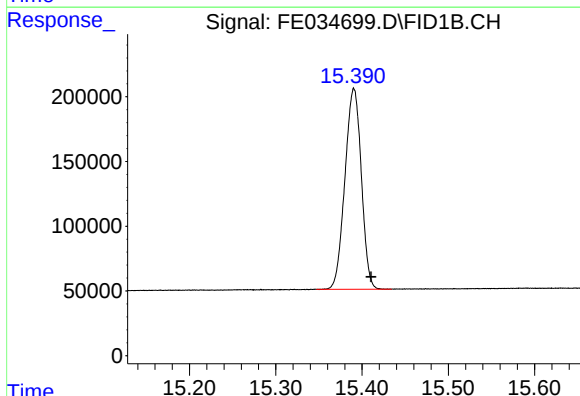
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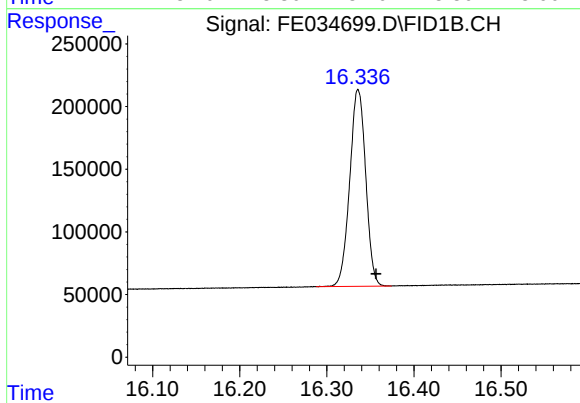
#14 n-Tetracosane (C24)

R.T.: 14.374 min
Delta R.T.: -0.019 min
Response: 2141290
Conc: 17.40 ug/ml



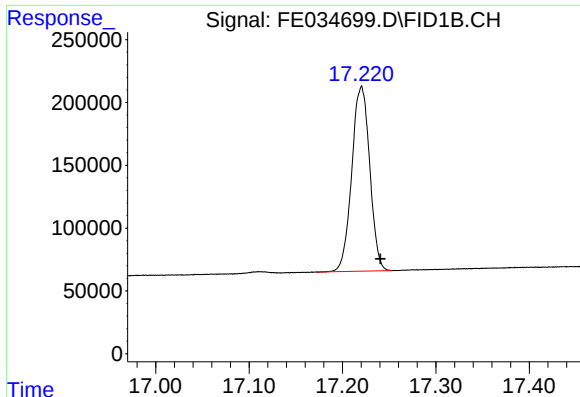
#15 n-Hexacosane (C26)

R.T.: 15.391 min
Delta R.T.: -0.020 min
Response: 2047829
Conc: 17.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.336 min
Delta R.T.: -0.021 min
Response: 2000612
Conc: 17.30 ug/ml



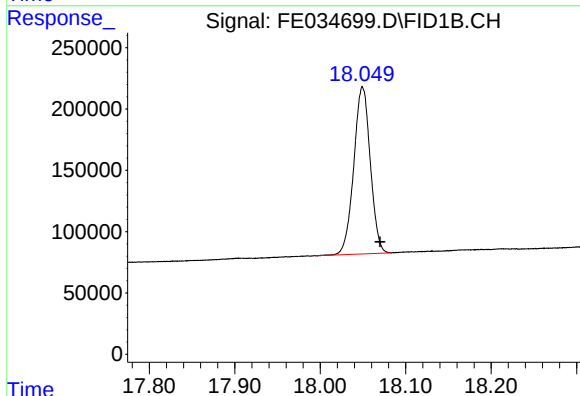
#17 n-Tricontane (C30)

R.T.: 17.220 min
Delta R.T.: -0.020 min
Response: 1965662
Conc: 18.01 ug/ml

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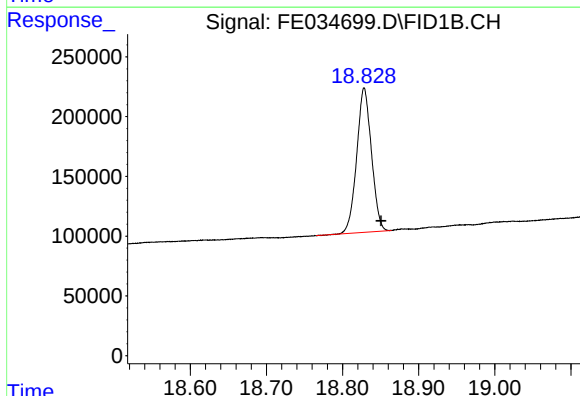
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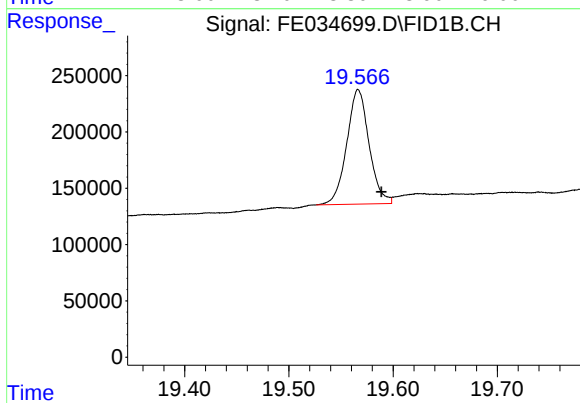
#18 n-Dotriacontane (C32)

R.T.: 18.050 min
Delta R.T.: -0.021 min
Response: 1829299
Conc: 19.08 ug/ml



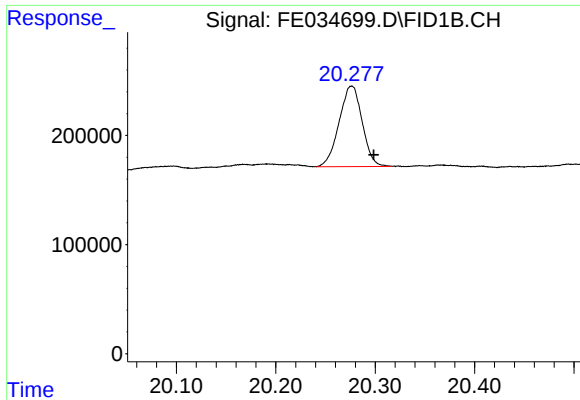
#19 n-Tetratriacontane (C34)

R.T.: 18.828 min
Delta R.T.: -0.022 min
Response: 1625967
Conc: 19.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.566 min
Delta R.T.: -0.023 min
Response: 1517288
Conc: 22.22 ug/ml m



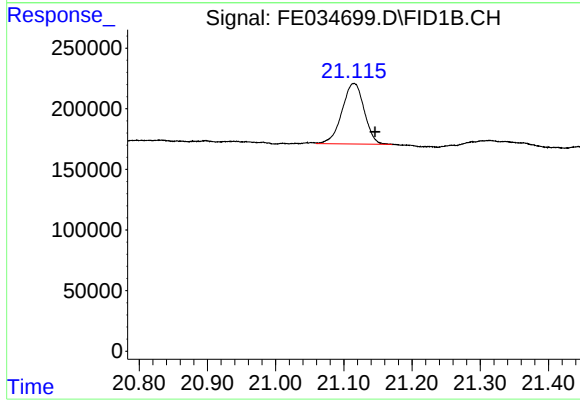
#21 n-Octatriacontane (C38)

R.T.: 20.277 min
Delta R.T.: -0.022 min
Response: 1193008
Conc: 20.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.115 min
Delta R.T.: -0.031 min
Response: 1126494
Conc: 22.53 ug/ml m