

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033022AL\
 Data File : FE035575.D
 Signal(s) : FID1B.CH
 Acq On : 30 Mar 2022 17:12
 Operator : YP\AJ
 Sample : PB143743BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB143743BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/31/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: autoint1.e
 Quant Time: Mar 31 02:43:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032922.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 30 04:19:30 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)	11.329	4453723	41.810 ug/ml
Spiked Amount 50.000		Recovery =	83.62%
12) S 1-chlorooctadecane (S...	12.762	3590602	44.390 ug/ml
Spiked Amount 50.000		Recovery =	88.78%
Target Compounds			
1) T n-Nonane (C9)	3.162	3593731	37.751 ug/ml
2) T n-Decane (C10)	4.208	3698121	39.776 ug/ml
3) T A~Naphthalene (C11.7)	5.771	4220001	44.431 ug/ml
4) T n-Dodecane (C12)	6.208	4048893	43.086 ug/ml
5) T A~2-methylnaphthalene...	6.822	4251386	44.410 ug/ml
6) T n-Tetradecane (C14)	7.995	4278613	46.270 ug/ml
7) T n-Hexadecane (C16)	9.586	4339257	46.531 ug/ml
8) T n-Octadecane (C18)	11.020	4517036	47.774 ug/ml
10) T n-Eicosane (C20)	12.323	4428021	46.469 ug/ml
11) T n-Heneicosane (C21)	12.931	4431322	46.046 ug/ml
13) T n-Docosane (C22)	13.513	4422646	46.068 ug/ml
14) T n-Tetracosane (C24)	14.609	4757046	50.202 ug/mlm
15) T n-Hexacosane (C26)	15.626	4261997	45.702 ug/ml
16) T n-Octacosane (C28)	16.569	4459933	50.018 ug/ml
17) T n-Tricontane (C30)	17.453	3982161	46.283 ug/ml
18) T n-Dotriacontane (C32)	18.280	3963347	47.703 ug/ml
19) T n-Tetratriacontane (C34)	19.059	3685260	49.674 ug/ml
20) T n-Hexatriacontane (C36)	19.795	3496309	49.074 ug/ml
21) T n-Octatriacontane (C38)	20.495	3142319	47.275 ug/ml
22) T n-Tetracontane (C40)	21.290	2938256	41.795 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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Misc :
ALS Vial : 5 Sample Multiplier: 1

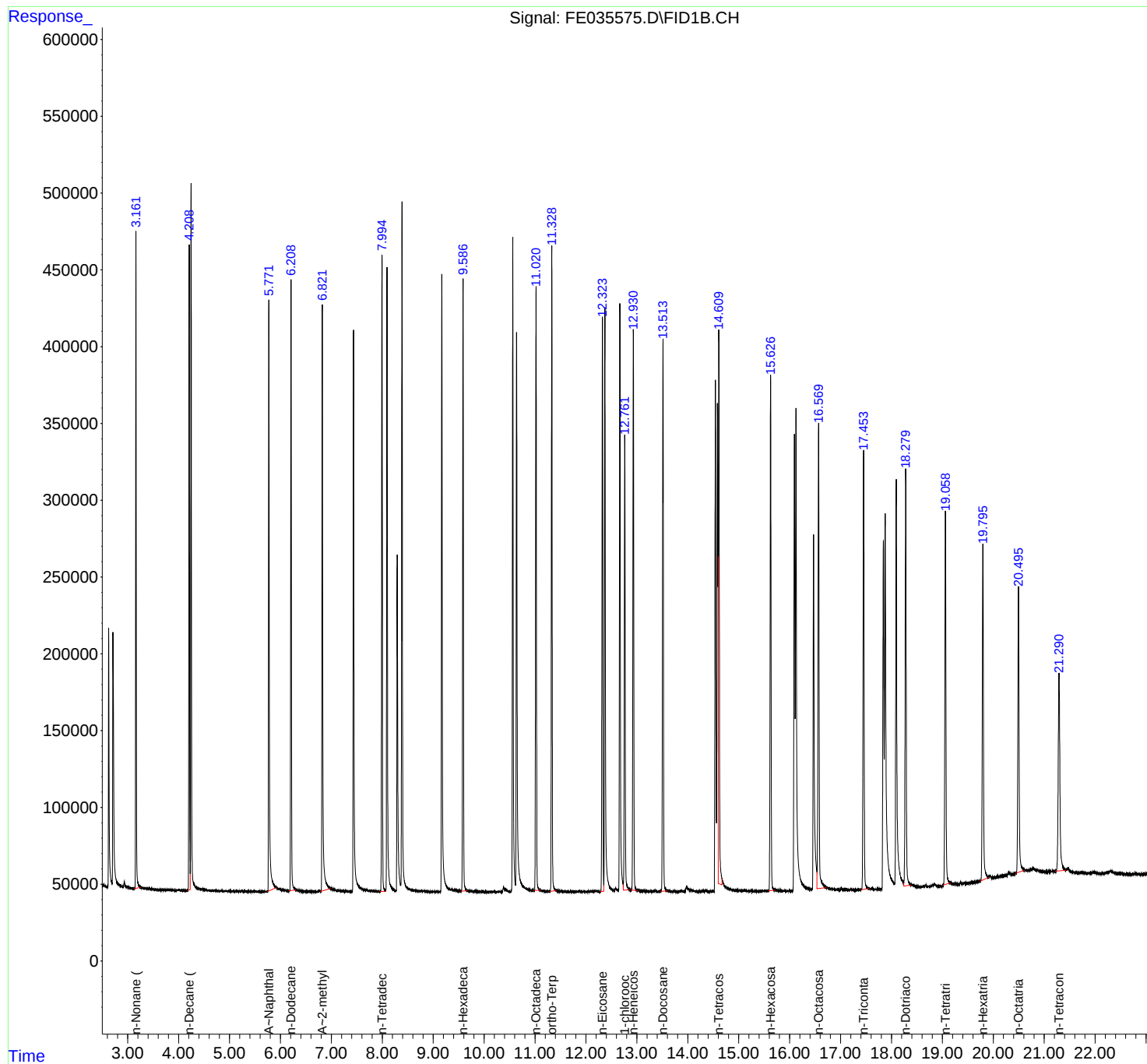
Instrument :
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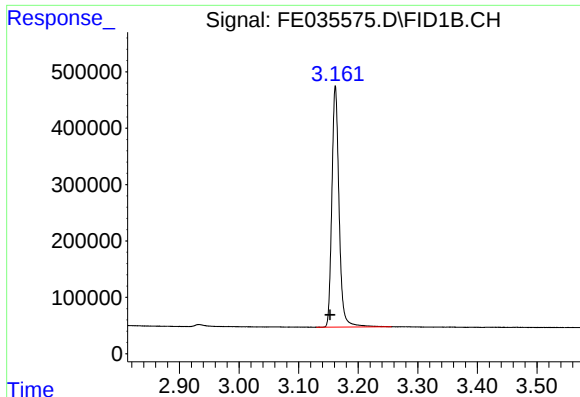
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#1 n-Nonane (C9)

R.T.: 3.162 min
Delta R.T.: 0.009 min
Response: 3593731
Conc: 37.75 ug/ml

Instrument :

FID_E

ClientSampleId :

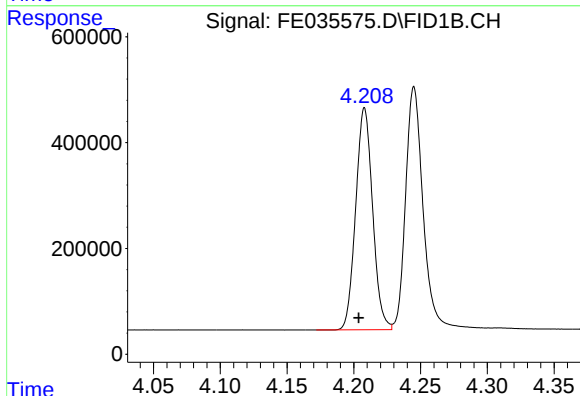
PB143743BSD

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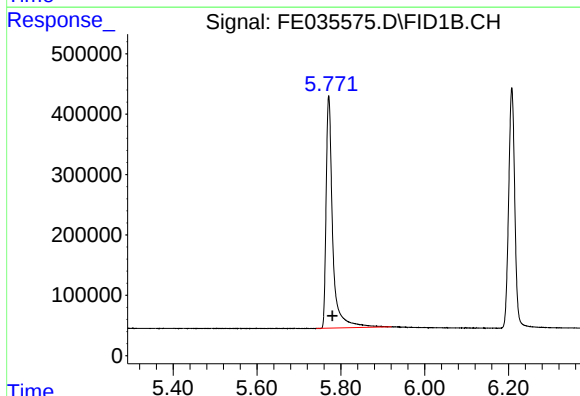
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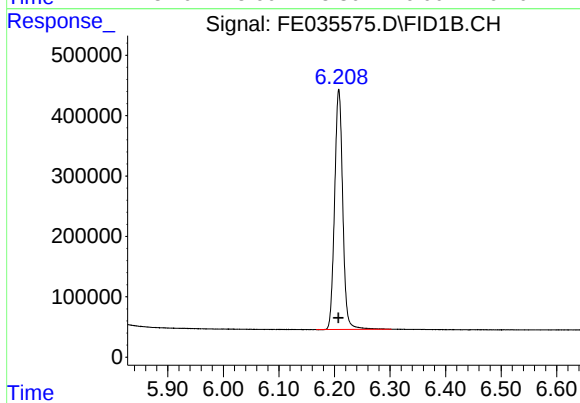
#2 n-Decane (C10)

R.T.: 4.208 min
Delta R.T.: 0.004 min
Response: 3698121
Conc: 39.78 ug/ml



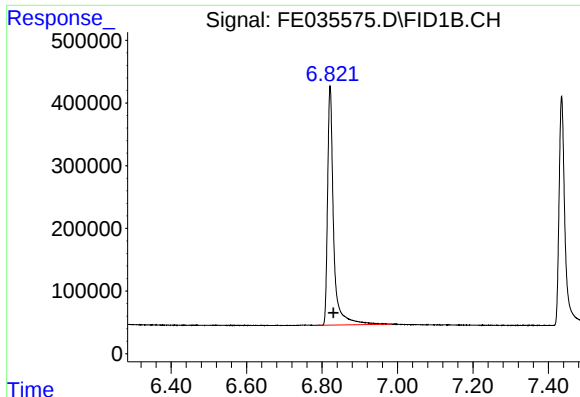
#3 A~Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.008 min
Response: 4220001
Conc: 44.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.208 min
Delta R.T.: 0.000 min
Response: 4048893
Conc: 43.09 ug/ml



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

R.T.: 6.822 min
Delta R.T.: -0.008 min
Response: 4251386
Conc: 44.41 ug/ml

Instrument :

FID_E

ClientSampleId :

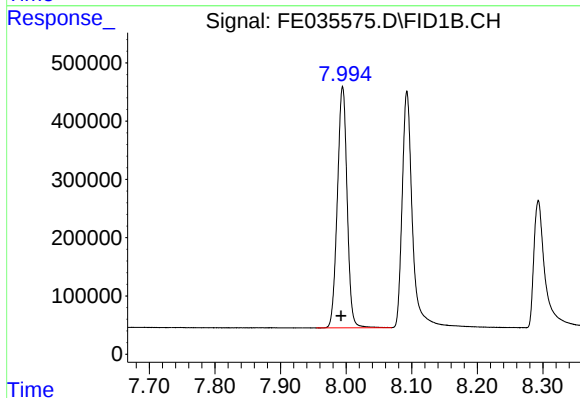
PB143743BSD

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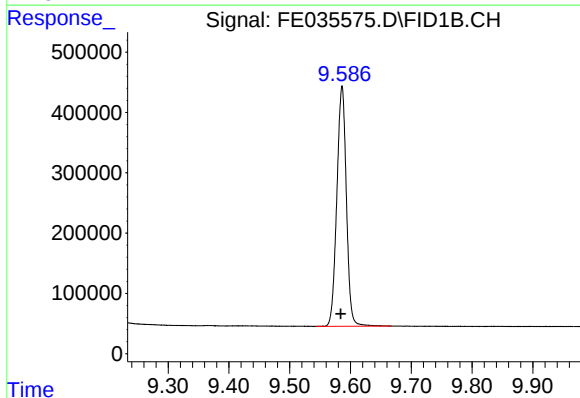
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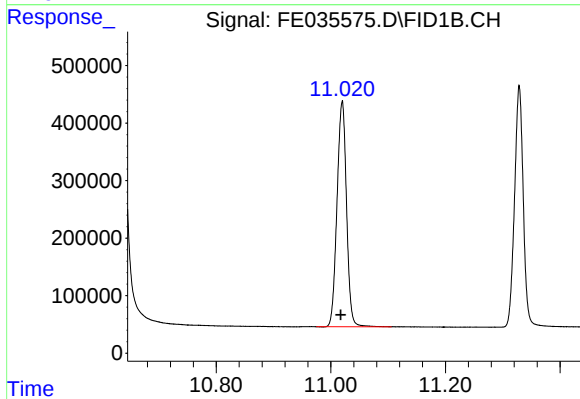
#6 n-Tetradecane (C14)

R.T.: 7.995 min
Delta R.T.: 0.002 min
Response: 4278613
Conc: 46.27 ug/ml



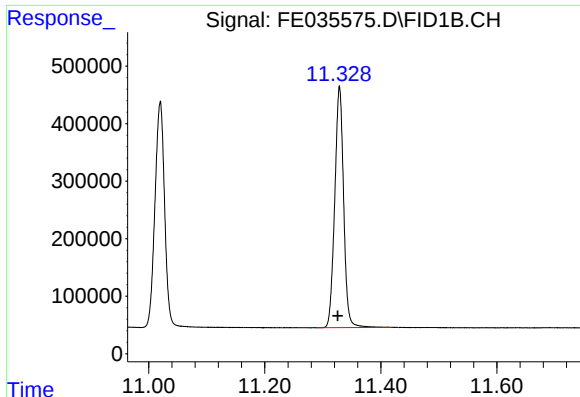
#7 n-Hexadecane (C16)

R.T.: 9.586 min
Delta R.T.: 0.002 min
Response: 4339257
Conc: 46.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.020 min
Delta R.T.: 0.003 min
Response: 4517036
Conc: 47.77 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.329 min
Delta R.T.: 0.003 min
Response: 4453723
Conc: 41.81 ug/ml

Instrument :

FID_E

ClientSampleId :

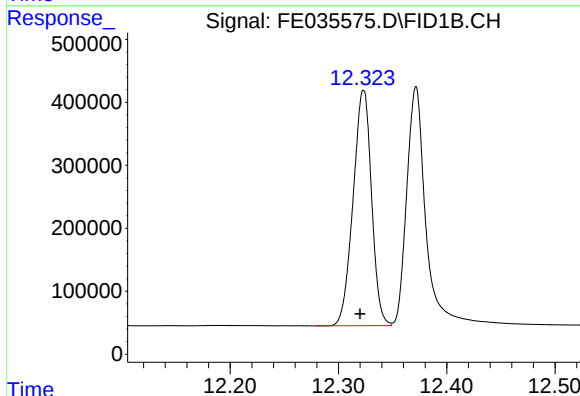
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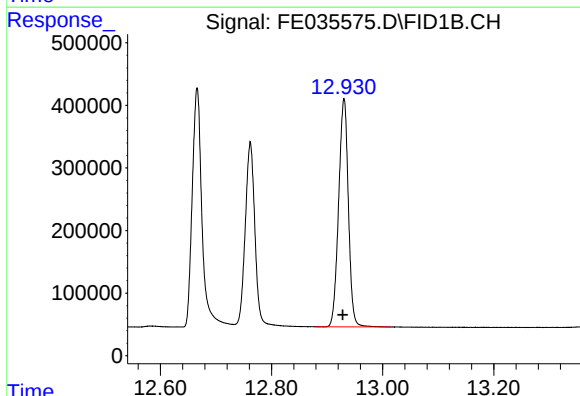
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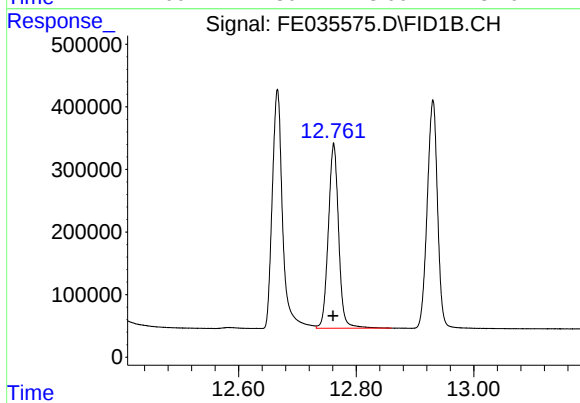
#10 n-Eicosane (C20)

R.T.: 12.323 min
Delta R.T.: 0.003 min
Response: 4428021
Conc: 46.47 ug/ml



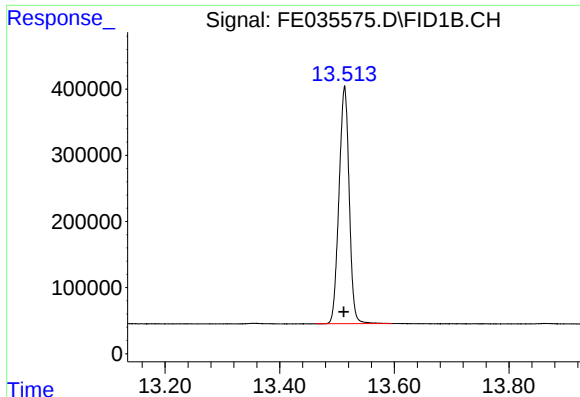
#11 n-Heneicosane (C21)

R.T.: 12.931 min
Delta R.T.: 0.002 min
Response: 4431322
Conc: 46.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.762 min
Delta R.T.: 0.001 min
Response: 3590602
Conc: 44.39 ug/ml



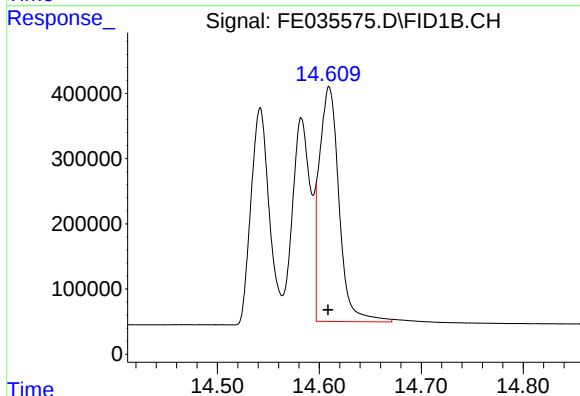
#13 n-Docosane (C22)

R.T.: 13.513 min
Delta R.T.: 0.002 min
Response: 4422646
Conc: 46.07 ug/ml

Instrument :
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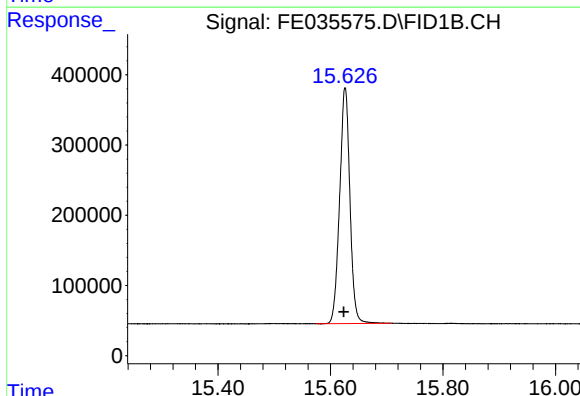
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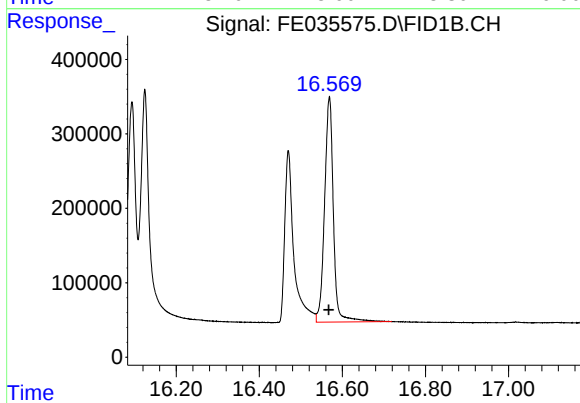
#14 n-Tetracosane (C24)

R.T.: 14.609 min
Delta R.T.: 0.000 min
Response: 4757046
Conc: 50.20 ug/ml m



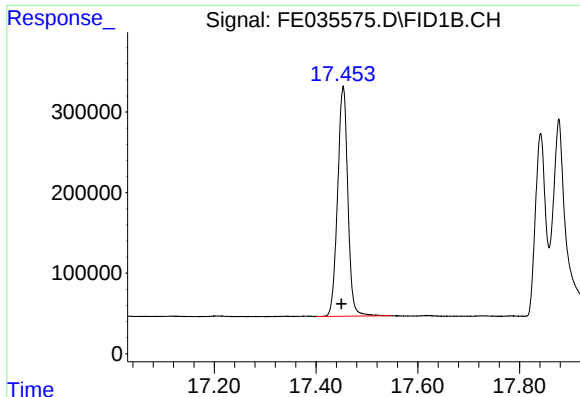
#15 n-Hexacosane (C26)

R.T.: 15.626 min
Delta R.T.: 0.003 min
Response: 4261997
Conc: 45.70 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.569 min
Delta R.T.: 0.001 min
Response: 4459933
Conc: 50.02 ug/ml



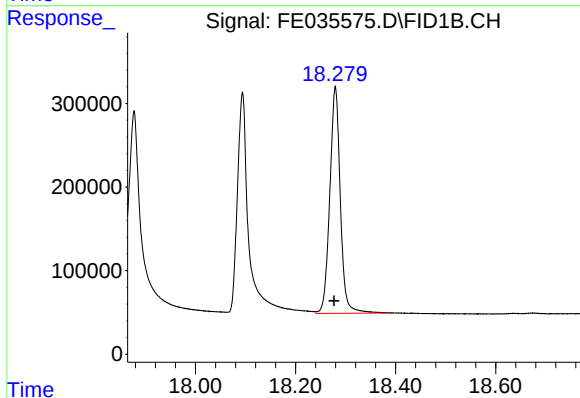
#17 n-Tricontane (C30)

R.T.: 17.453 min
Delta R.T.: 0.003 min
Response: 3982161
Conc: 46.28 ug/ml

Instrument :
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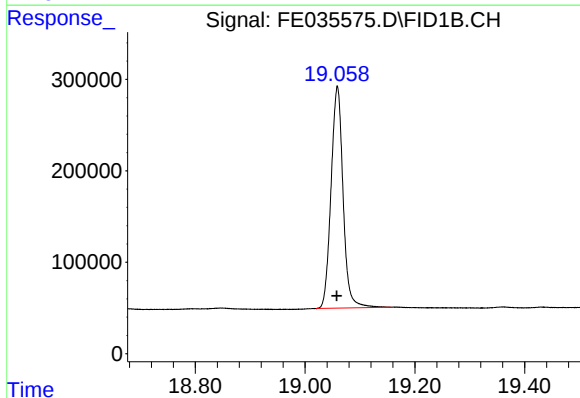
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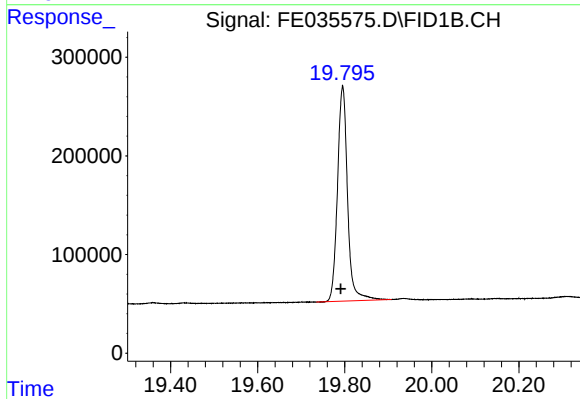
#18 n-Dotriacontane (C32)

R.T.: 18.280 min
Delta R.T.: 0.003 min
Response: 3963347
Conc: 47.70 ug/ml



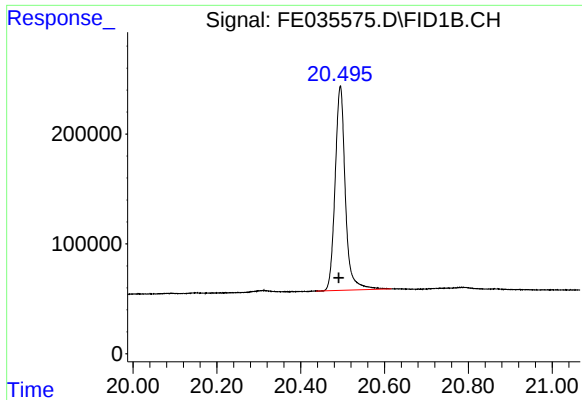
#19 n-Tetratriacontane (C34)

R.T.: 19.059 min
Delta R.T.: 0.002 min
Response: 3685260
Conc: 49.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.795 min
Delta R.T.: 0.004 min
Response: 3496309
Conc: 49.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.495 min
Delta R.T.: 0.004 min
Response: 3142319
Conc: 47.28 ug/ml

Instrument :

FID_E

ClientSampleId :

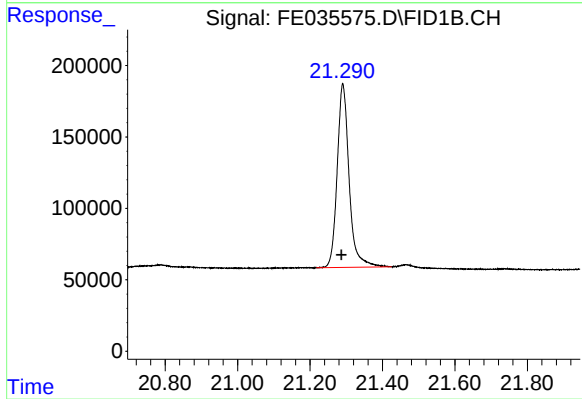
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#22 n-Tetracontane (C40)

R.T.: 21.290 min
Delta R.T.: 0.004 min
Response: 2938256
Conc: 41.80 ug/ml