

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033022AL\
 Data File : FE035574.D
 Signal(s) : FID1B.CH
 Acq On : 30 Mar 2022 16:40
 Operator : YP\AJ
 Sample : PB143743BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB143743BS

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 02:43:14 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	4376088	41.081 ug/ml
Spiked Amount 50.000		Recovery =	82.16%
12) S 1-chlorooctadecane (S...	12.762	3536358	43.719 ug/ml
Spiked Amount 50.000		Recovery =	87.44%
Target Compounds			
1) T n-Nonane (C9)	3.162	3822373	40.153 ug/ml
2) T n-Decane (C10)	4.208	3888069	41.819 ug/ml
3) T A~Naphthalene (C11.7)	5.771	4402810	46.355 ug/ml
4) T n-Dodecane (C12)	6.208	4148894	44.150 ug/ml
5) T A~2-methylnaphthalene...	6.821	4350896	45.449 ug/ml
6) T n-Tetradecane (C14)	7.994	4315180	46.666 ug/ml
7) T n-Hexadecane (C16)	9.585	4352013	46.668 ug/ml
8) T n-Octadecane (C18)	11.020	4528034	47.891 ug/ml
10) T n-Eicosane (C20)	12.323	4430940	46.499 ug/ml
11) T n-Heneicosane (C21)	12.930	4433340	46.067 ug/ml
13) T n-Docosane (C22)	13.513	4432681	46.173 ug/ml
14) T n-Tetracosane (C24)	14.610	5080381	53.614 ug/mlm
15) T n-Hexacosane (C26)	15.628	4302117	46.132 ug/ml
16) T n-Octacosane (C28)	16.570	4516130	50.649 ug/ml
17) T n-Tricontane (C30)	17.454	4037283	46.923 ug/ml
18) T n-Dotriacontane (C32)	18.280	4080244	49.110 ug/ml
19) T n-Tetratriacontane (C34)	19.059	3676998	49.562 ug/ml
20) T n-Hexatriacontane (C36)	19.795	3377726	47.410 ug/mlm
21) T n-Octatriacontane (C38)	20.494	3022790	45.477 ug/ml
22) T n-Tetracontane (C40)	21.292	2819158	40.101 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 4 Sample Multiplier: 1

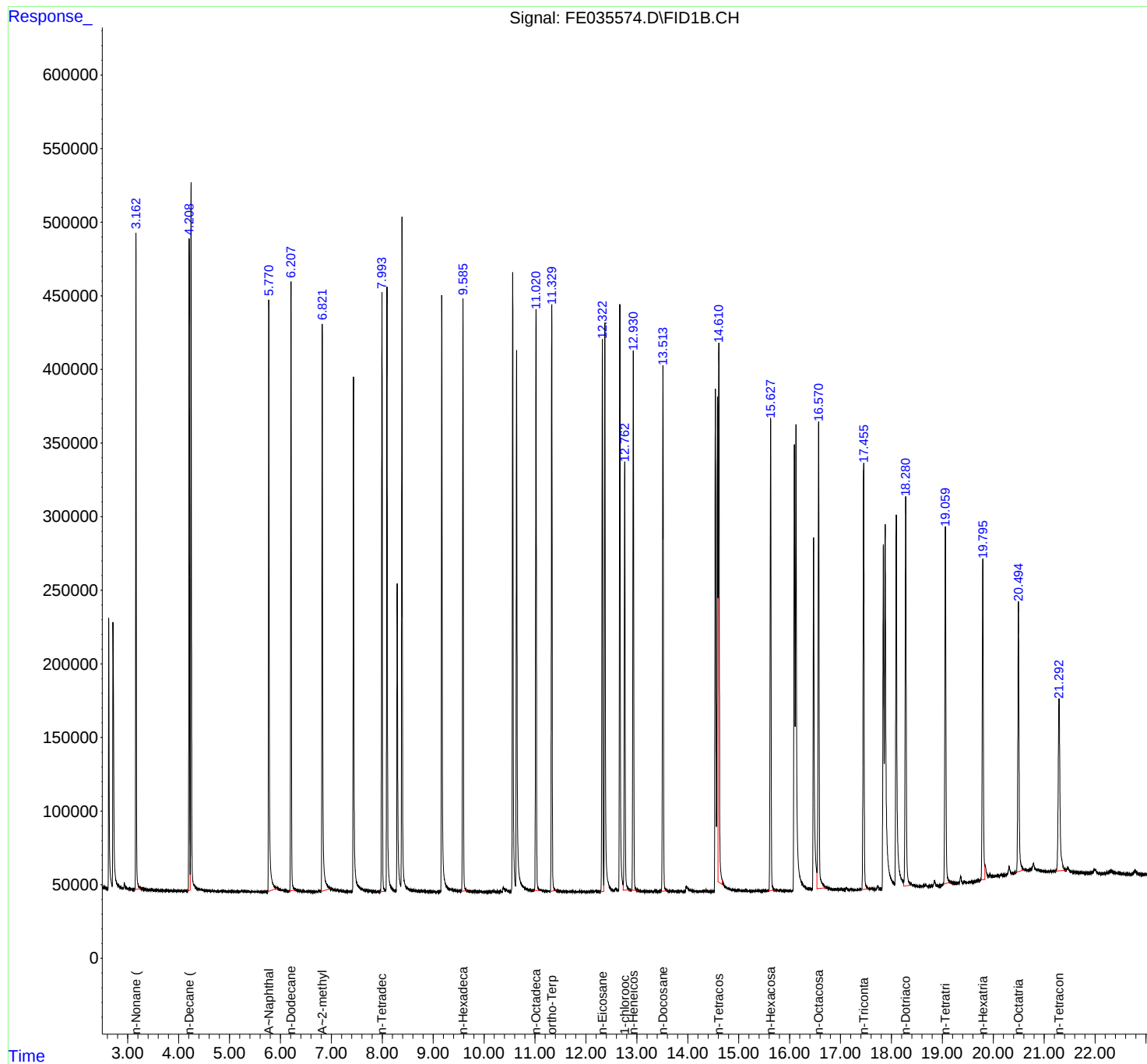
Instrument :
FID_E
ClientSampleId :
PB143743BS

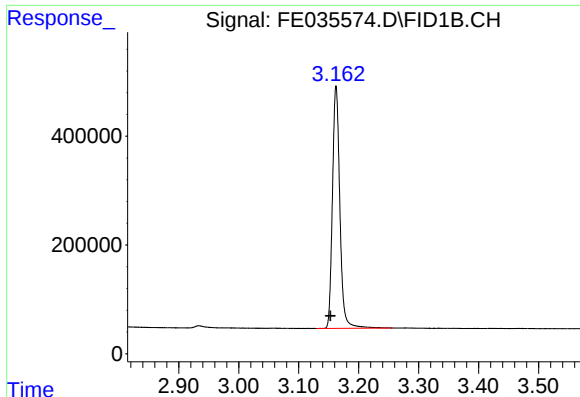
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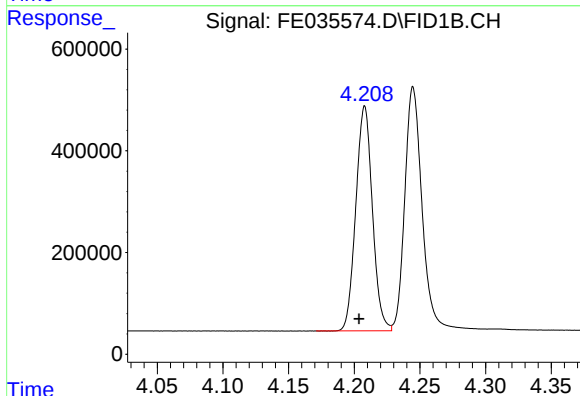
#1 n-Nonane (C9)

R.T.: 3.162 min
Delta R.T.: 0.009 min
Response: 3822373
Conc: 40.15 ug/ml

Instrument :
FID_E
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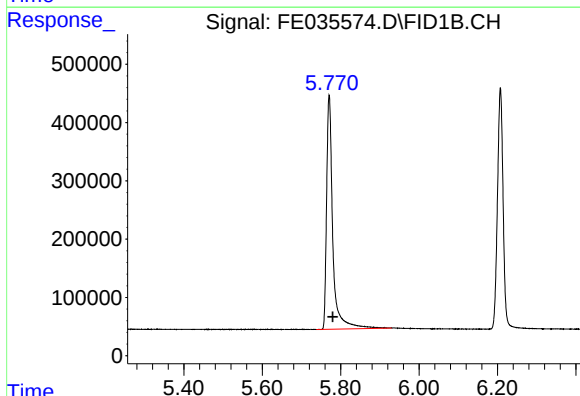
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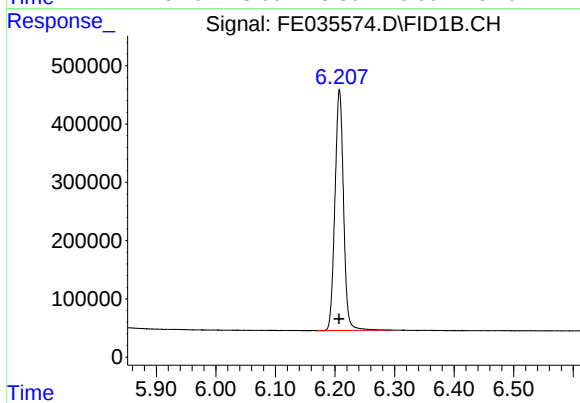
#2 n-Decane (C10)

R.T.: 4.208 min
Delta R.T.: 0.004 min
Response: 3888069
Conc: 41.82 ug/ml



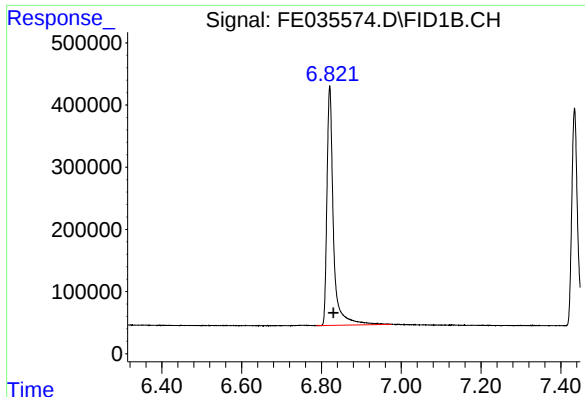
#3 A~Naphthalene (C11.7)

R.T.: 5.771 min
Delta R.T.: -0.009 min
Response: 4402810
Conc: 46.36 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.208 min
Delta R.T.: 0.000 min
Response: 4148894
Conc: 44.15 ug/ml



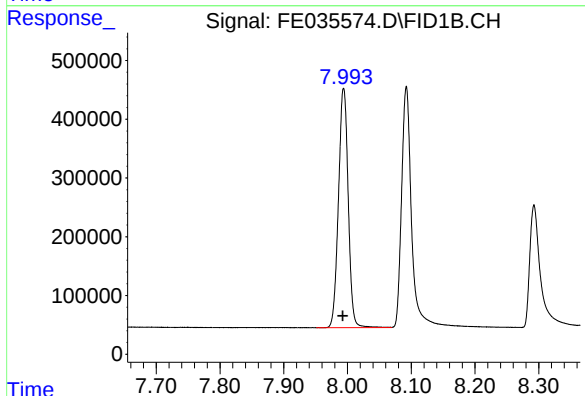
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.821 min
Delta R.T.: -0.009 min
Response: 4350896
Conc: 45.45 ug/ml

Instrument :
FID_E
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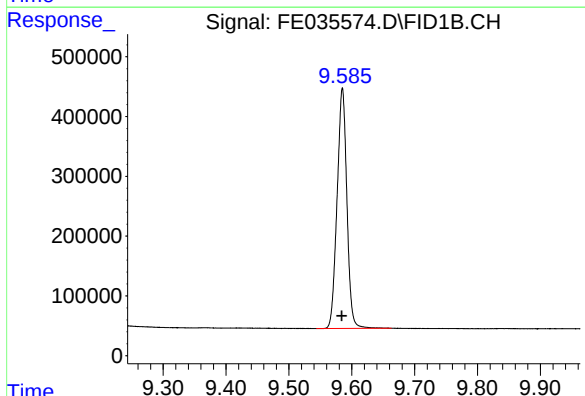
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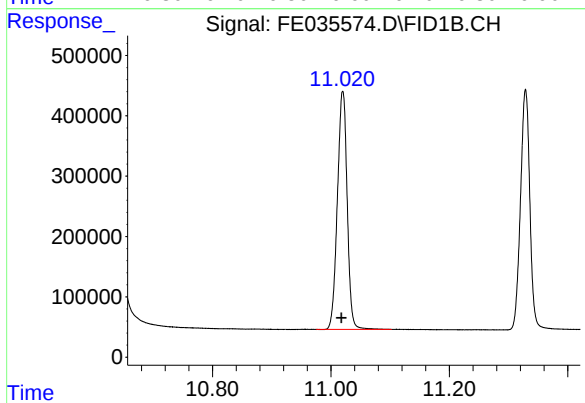
#6 n-Tetradecane (C14)

R.T.: 7.994 min
Delta R.T.: 0.002 min
Response: 4315180
Conc: 46.67 ug/ml



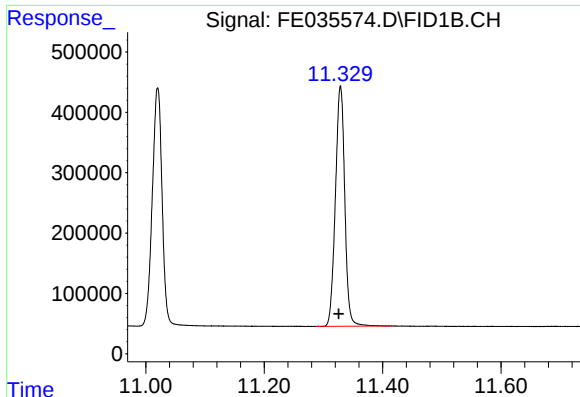
#7 n-Hexadecane (C16)

R.T.: 9.585 min
Delta R.T.: 0.001 min
Response: 4352013
Conc: 46.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.020 min
Delta R.T.: 0.003 min
Response: 4528034
Conc: 47.89 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.329 min
Delta R.T.: 0.003 min
Response: 4376088
Conc: 41.08 ug/ml

Instrument :

FID_E

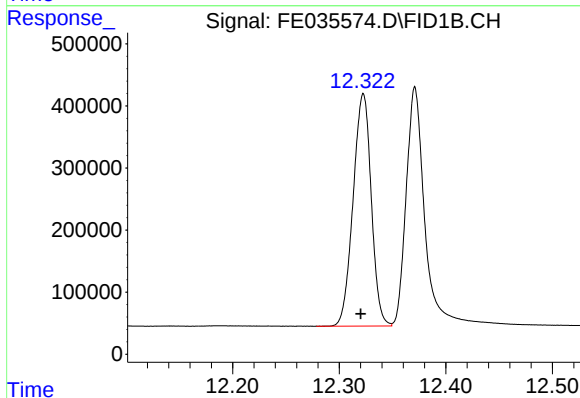
ClientSampleId :

PB143743BS

Manual Integrations

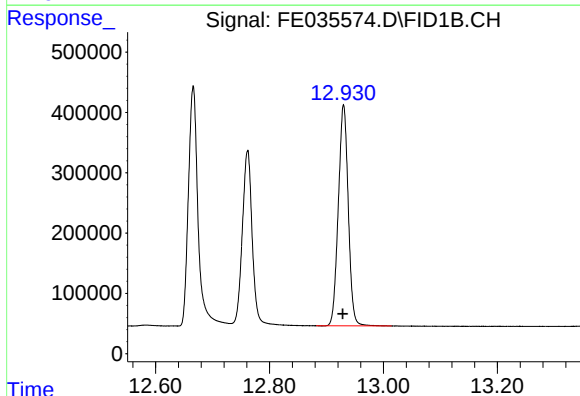
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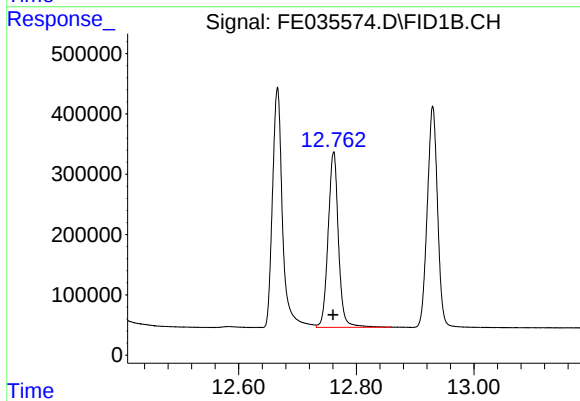
#10 n-Eicosane (C20)

R.T.: 12.323 min
Delta R.T.: 0.003 min
Response: 4430940
Conc: 46.50 ug/ml



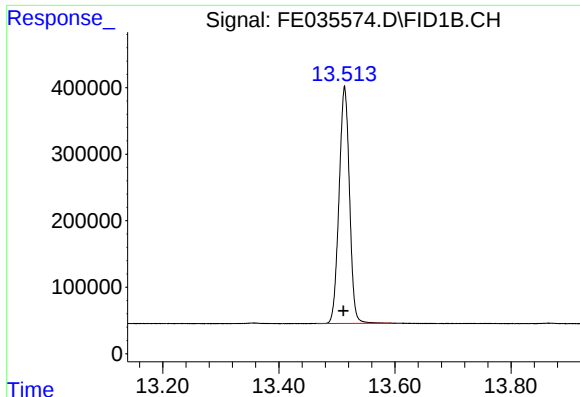
#11 n-Heneicosane (C21)

R.T.: 12.930 min
Delta R.T.: 0.002 min
Response: 4433340
Conc: 46.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.762 min
Delta R.T.: 0.000 min
Response: 3536358
Conc: 43.72 ug/ml



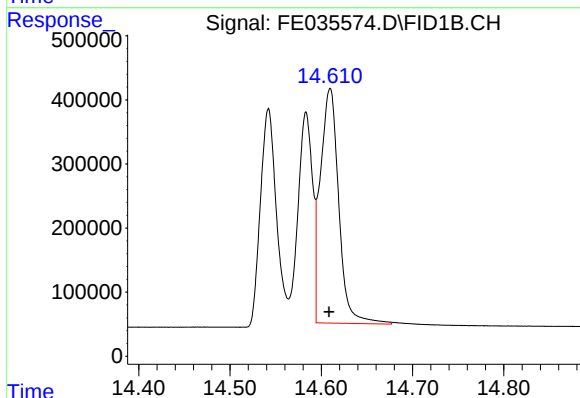
#13 n-Docosane (C22)

R.T.: 13.513 min
Delta R.T.: 0.002 min
Response: 4432681
Conc: 46.17 ug/ml

Instrument :
FID_E
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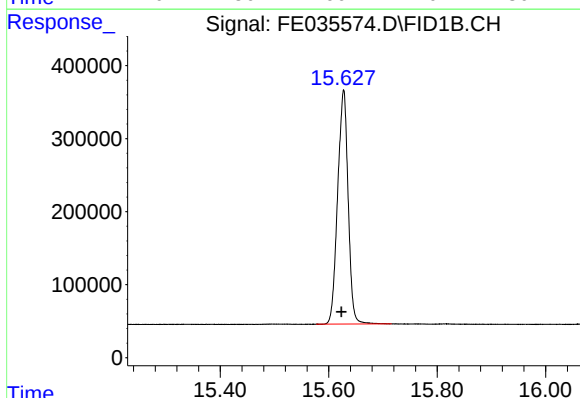
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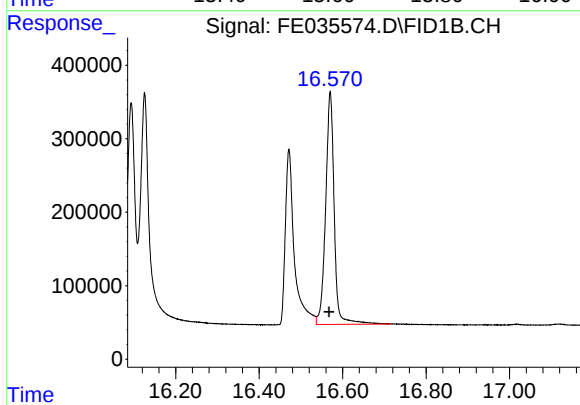
#14 n-Tetracosane (C24)

R.T.: 14.610 min
Delta R.T.: 0.001 min
Response: 5080381
Conc: 53.61 ug/ml m



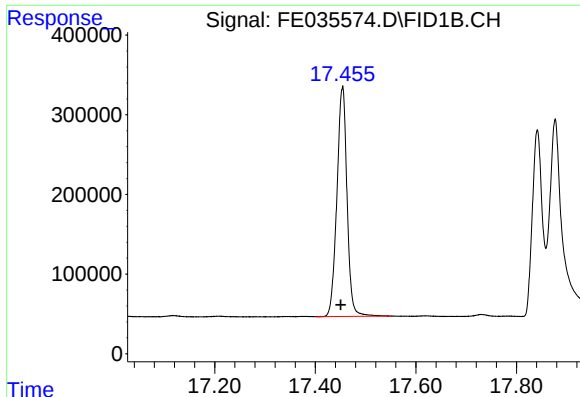
#15 n-Hexacosane (C26)

R.T.: 15.628 min
Delta R.T.: 0.004 min
Response: 4302117
Conc: 46.13 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.570 min
Delta R.T.: 0.003 min
Response: 4516130
Conc: 50.65 ug/ml



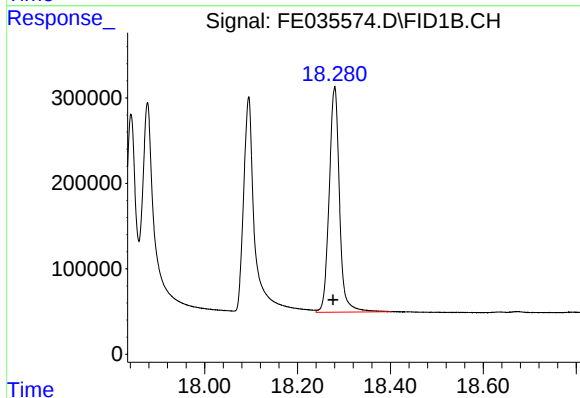
#17 n-Tricontane (C30)

R.T.: 17.454 min
Delta R.T.: 0.004 min
Response: 4037283
Conc: 46.92 ug/ml

Instrument :
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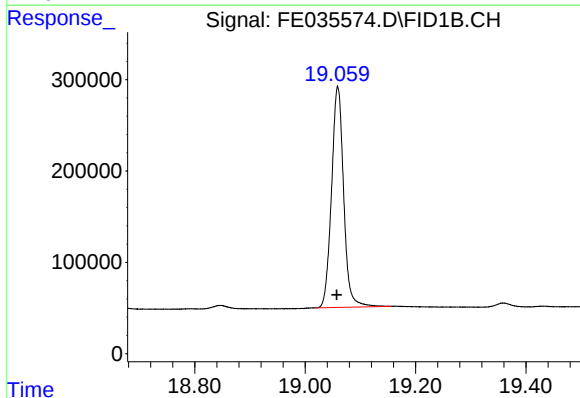
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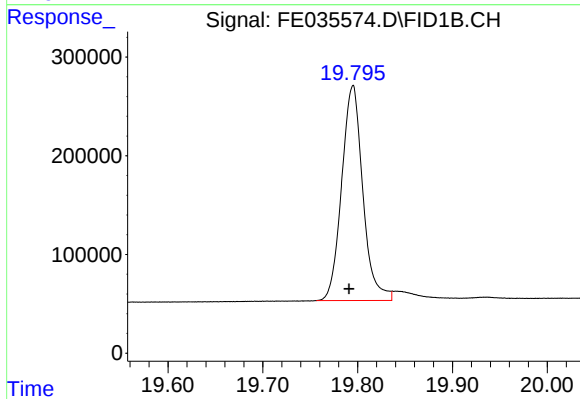
#18 n-Dotriacontane (C32)

R.T.: 18.280 min
Delta R.T.: 0.003 min
Response: 4080244
Conc: 49.11 ug/ml



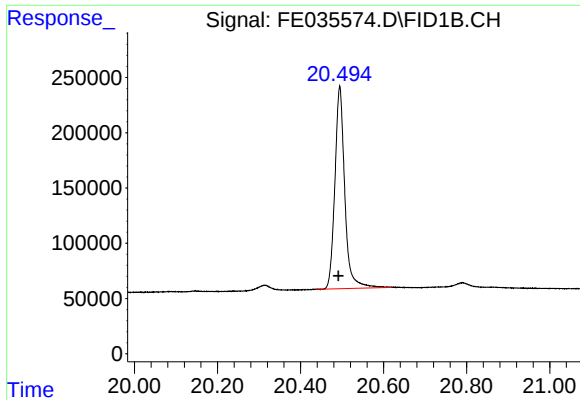
#19 n-Tetratriacontane (C34)

R.T.: 19.059 min
Delta R.T.: 0.002 min
Response: 3676998
Conc: 49.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.795 min
Delta R.T.: 0.004 min
Response: 3377726
Conc: 47.41 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.494 min
Delta R.T.: 0.003 min
Response: 3022790
Conc: 45.48 ug/ml

Instrument :

FID_E

ClientSampleId :

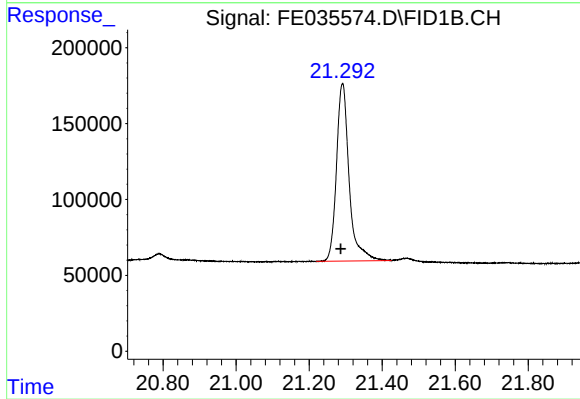
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#22 n-Tetracontane (C40)

R.T.: 21.292 min
Delta R.T.: 0.005 min
Response: 2819158
Conc: 40.10 ug/ml