

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031522AL\
 Data File : FE035347.D
 Signal(s) : FID1B.CH
 Acq On : 15 Mar 2022 20:56
 Operator : YP\AJ
 Sample : PB143359BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB143359BL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/17/2022
 Supervised By :Ankita Jodhani 03/17/2022

Integration File: sample.E
 Quant Time: Mar 15 22:32:50 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)	11.370	5139913	37.111 ug/ml
Spiked Amount 50.000		Recovery =	74.22%
12) S 1-chlorooctadecane (S...	12.803	3952719	36.492 ug/ml
Spiked Amount 50.000		Recovery =	72.98%
Target Compounds			
1) T n-Nonane (C9)	3.192	4779695	41.626 ug/ml
2) T n-Decane (C10)	4.243	5160954	45.301 ug/ml
3) T A~Naphthalene (C11.7)	5.807	6140567	48.346 ug/ml
4) T n-Dodecane (C12)	6.246	5845829	49.720 ug/ml
5) T A~2-methylnaphthalene...	6.858	6322746	49.498 ug/ml
6) T n-Tetradecane (C14)	8.034	6232349	52.223 ug/ml
7) T n-Hexadecane (C16)	9.626	6340112	52.038 ug/ml
8) T n-Octadecane (C18)	11.062	6462892	51.556 ug/ml
10) T n-Eicosane (C20)	12.365	6241086	49.356 ug/ml
11) T n-Heneicosane (C21)	12.974	6118273	48.043 ug/ml
13) T n-Docosane (C22)	13.557	6012110	47.346 ug/ml
14) T n-Tetracosane (C24)	14.654	5962171	47.074 ug/ml
15) T n-Hexacosane (C26)	15.672	5591912	45.097 ug/ml
16) T n-Octacosane (C28)	16.614	5467167	45.614 ug/ml
17) T n-Tricontane (C30)	17.500	5205893	45.963 ug/ml
18) T n-Dotriacontane (C32)	18.326	5075742	49.845 ug/ml
19) T n-Tetratriacontane (C34)	19.106	5017478	56.233 ug/ml
20) T n-Hexatriacontane (C36)	19.842	4871821	64.175 ug/ml
21) T n-Octatriacontane (C38)	20.544	4737661	71.746 ug/mlm
22) T n-Tetracontane (C40)	21.359	4691077	76.693 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB143359BL
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ALS Vial : 4 Sample Multiplier: 1

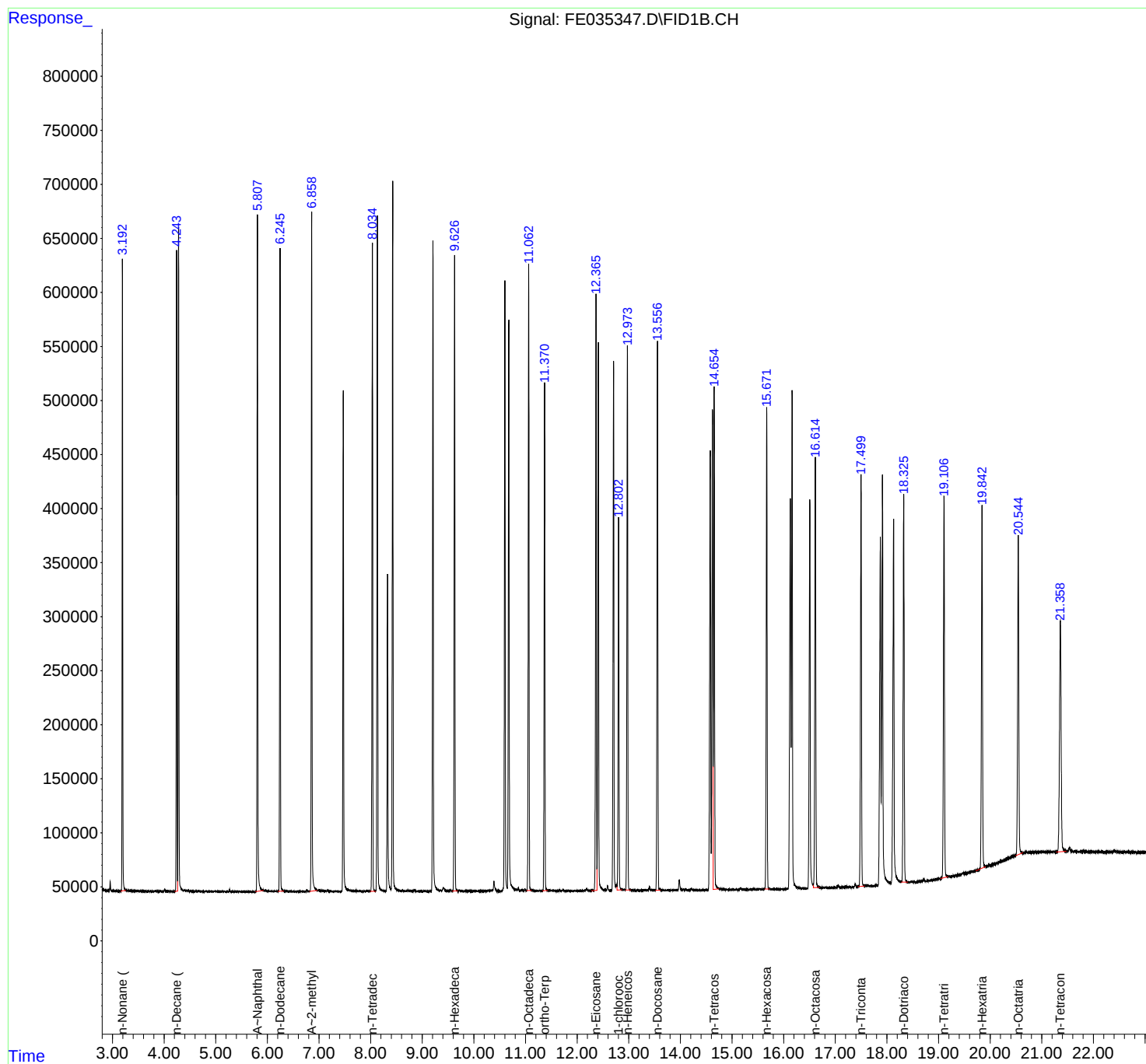
Instrument :
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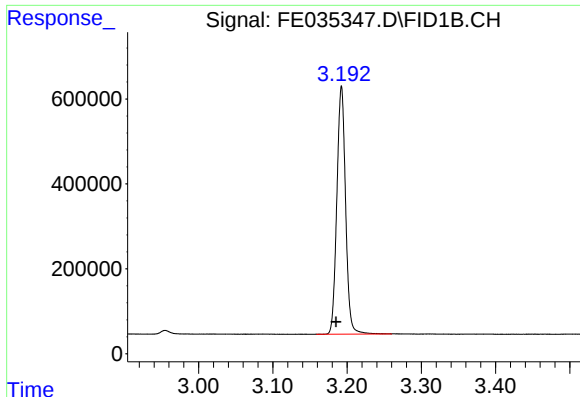
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#1 n-Nonane (C9)

R.T.: 3.192 min
Delta R.T.: 0.007 min
Response: 4779695
Conc: 41.63 ug/ml

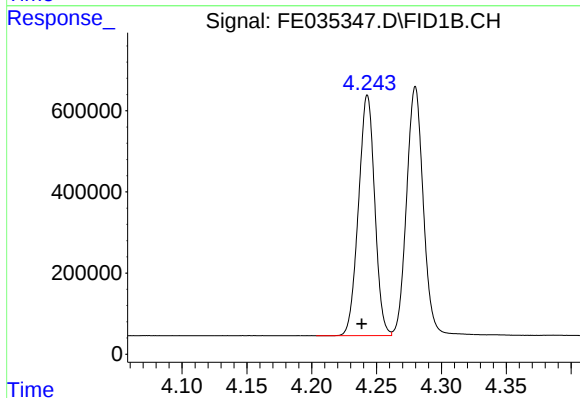
Instrument :

FID_E

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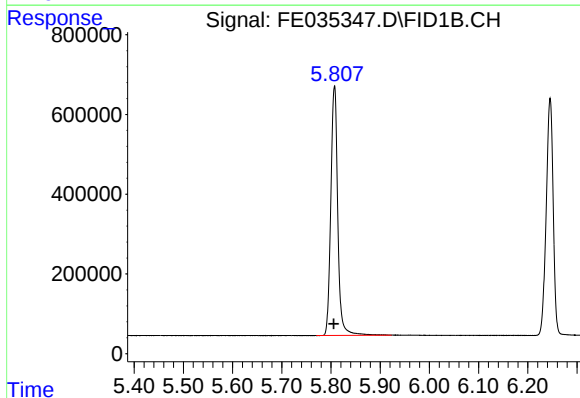
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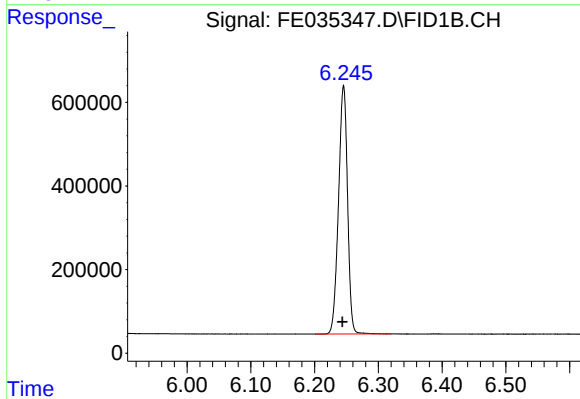
#2 n-Decane (C10)

R.T.: 4.243 min
Delta R.T.: 0.004 min
Response: 5160954
Conc: 45.30 ug/ml



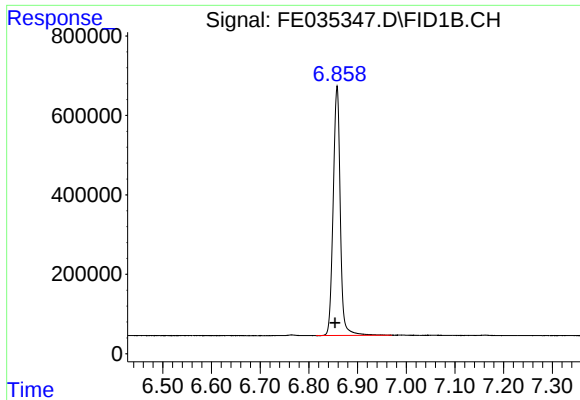
#3 A~Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: 0.002 min
Response: 6140567
Conc: 48.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.246 min
Delta R.T.: 0.002 min
Response: 5845829
Conc: 49.72 ug/ml



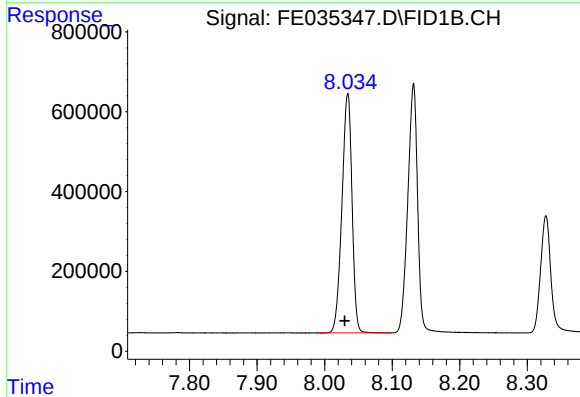
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.858 min
Delta R.T.: 0.004 min
Response: 6322746
Conc: 49.50 ug/ml

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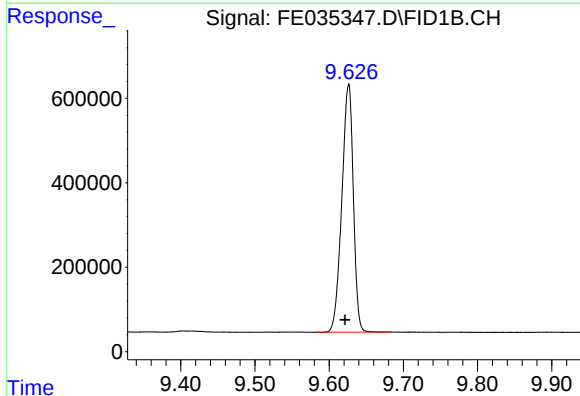
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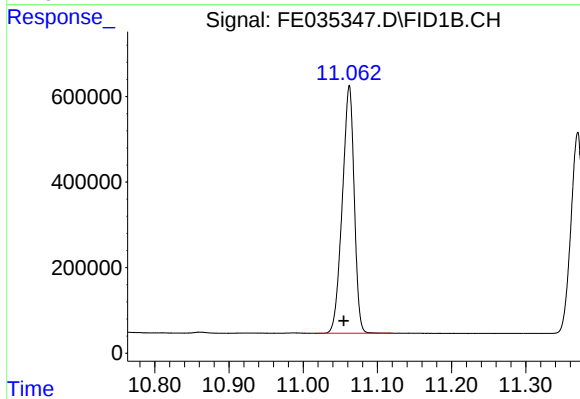
#6 n-Tetradecane (C14)

R.T.: 8.034 min
Delta R.T.: 0.005 min
Response: 6232349
Conc: 52.22 ug/ml



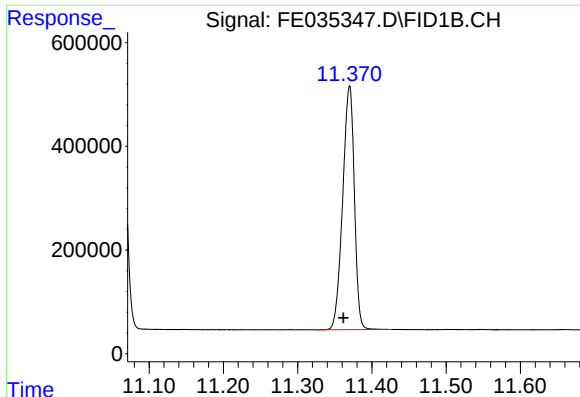
#7 n-Hexadecane (C16)

R.T.: 9.626 min
Delta R.T.: 0.005 min
Response: 6340112
Conc: 52.04 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.062 min
Delta R.T.: 0.007 min
Response: 6462892
Conc: 51.56 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.370 min
Delta R.T.: 0.009 min
Response: 5139913
Conc: 37.11 ug/ml

Instrument :

FID_E

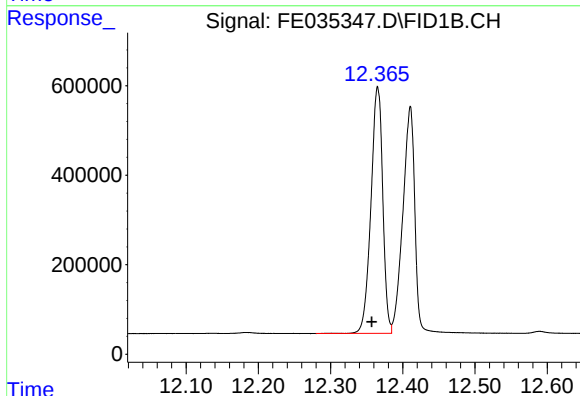
ClientSampleId :

PB143359BL

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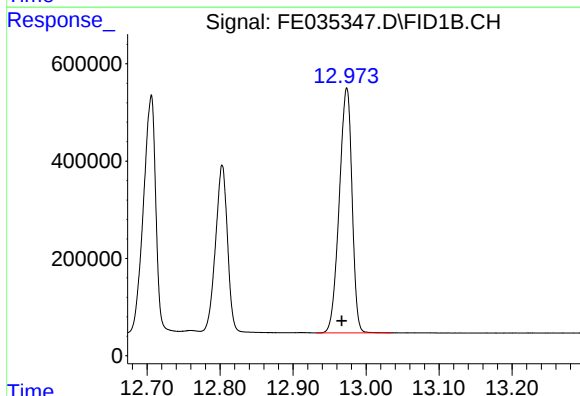
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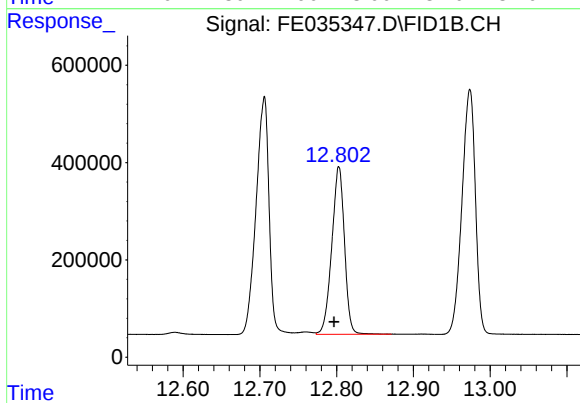
#10 n-Eicosane (C20)

R.T.: 12.365 min
Delta R.T.: 0.008 min
Response: 6241086
Conc: 49.36 ug/ml



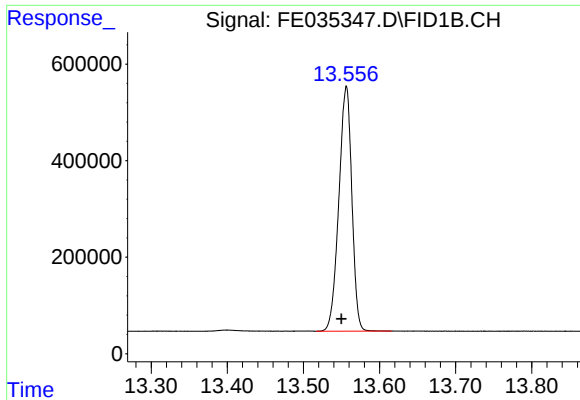
#11 n-Heneicosane (C21)

R.T.: 12.974 min
Delta R.T.: 0.007 min
Response: 6118273
Conc: 48.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.803 min
Delta R.T.: 0.006 min
Response: 3952719
Conc: 36.49 ug/ml



#13 n-Docosane (C22)

R.T.: 13.557 min
Delta R.T.: 0.006 min
Response: 6012110
Conc: 47.35 ug/ml

Instrument :

FID_E

ClientSampleId :

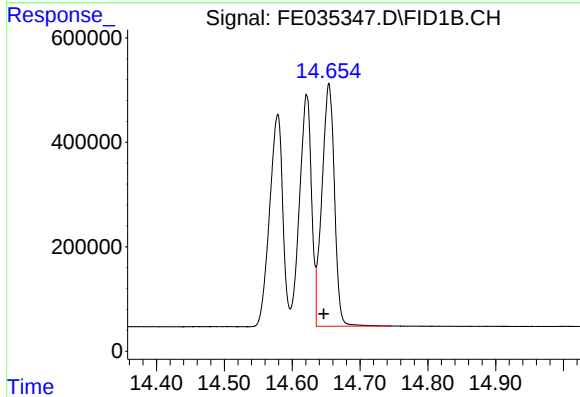
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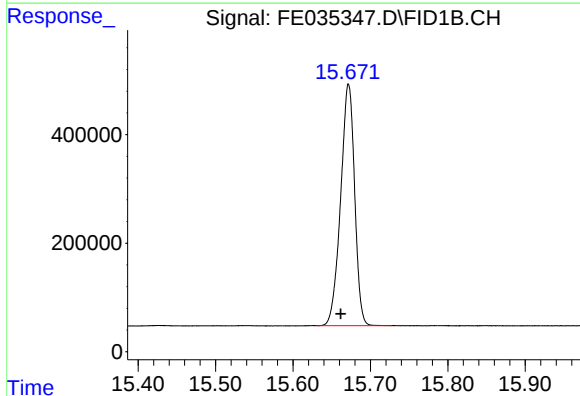
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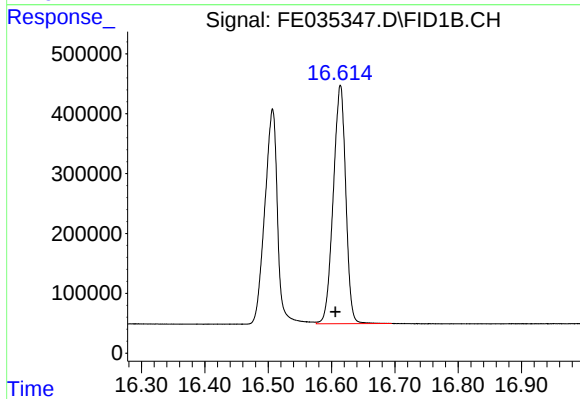
#14 n-Tetracosane (C24)

R.T.: 14.654 min
Delta R.T.: 0.008 min
Response: 5962171
Conc: 47.07 ug/ml



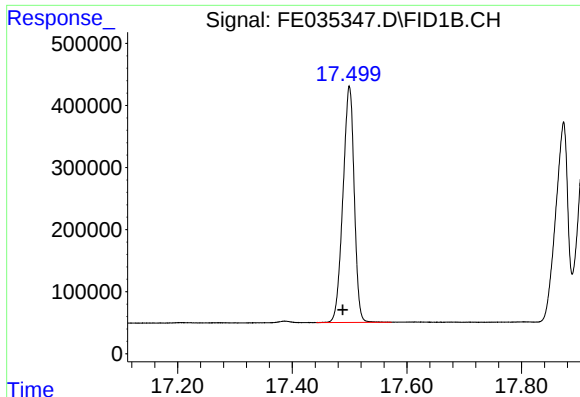
#15 n-Hexacosane (C26)

R.T.: 15.672 min
Delta R.T.: 0.010 min
Response: 5591912
Conc: 45.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.614 min
Delta R.T.: 0.008 min
Response: 5467167
Conc: 45.61 ug/ml



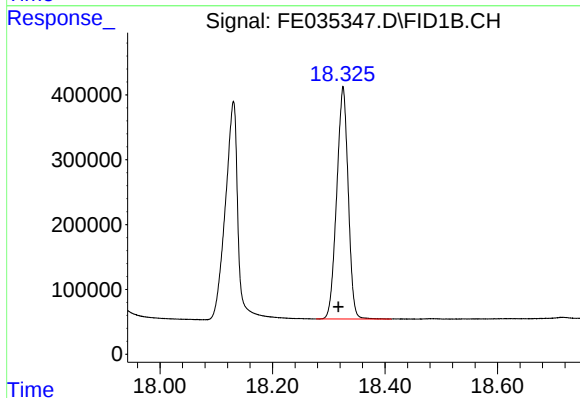
#17 n-Tricontane (C30)

R.T.: 17.500 min
Delta R.T.: 0.011 min
Response: 5205893
Conc: 45.96 ug/ml

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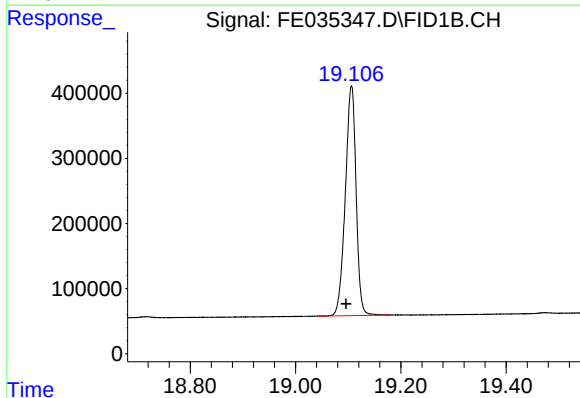
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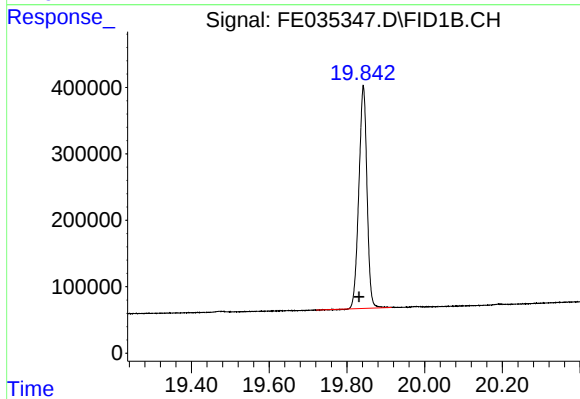
#18 n-Dotriacontane (C32)

R.T.: 18.326 min
Delta R.T.: 0.008 min
Response: 5075742
Conc: 49.85 ug/ml



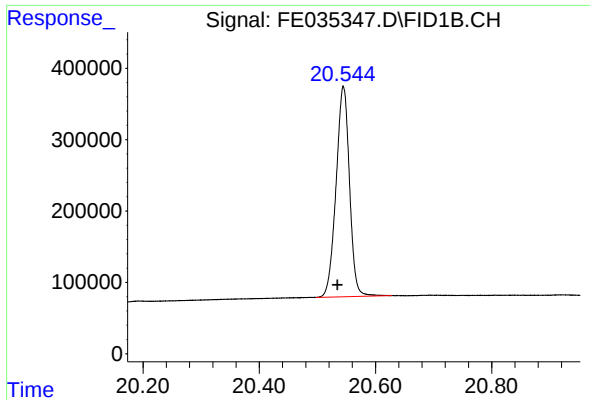
#19 n-Tetratriacontane (C34)

R.T.: 19.106 min
Delta R.T.: 0.010 min
Response: 5017478
Conc: 56.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.842 min
Delta R.T.: 0.011 min
Response: 4871821
Conc: 64.17 ug/ml



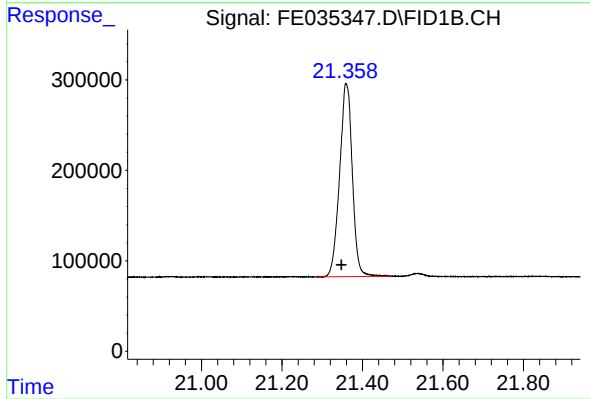
#21 n-Octatriacontane (C38)

R.T.: 20.544 min
Delta R.T.: 0.009 min
Response: 4737661
Conc: 71.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.359 min
Delta R.T.: 0.012 min
Response: 4691077
Conc: 76.69 ug/ml