

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031422AL\
 Data File : FE035310.D
 Signal(s) : FID1B.CH
 Acq On : 14 Mar 2022 17:55
 Operator : YP\AJ
 Sample : PB143313BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB143313BSD

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 01:47:16 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)	11.378	4641004	33.508 ug/ml
Spiked Amount 50.000		Recovery =	67.02%
12) S 1-chlorooctadecane (S...	12.812	3505062	32.359 ug/ml
Spiked Amount 50.000		Recovery =	64.72%
Target Compounds			
1) T n-Nonane (C9)	3.211	5938023	51.713 ug/ml
2) T n-Decane (C10)	4.255	6135239	53.852 ug/ml
3) T A~Naphthalene (C11.7)	5.817	6580593	51.811 ug/ml
4) T n-Dodecane (C12)	6.253	6113991	52.001 ug/ml
5) T A~2-methylnaphthalene...	6.867	6293409	49.268 ug/ml
6) T n-Tetradecane (C14)	8.041	6046306	50.664 ug/ml
7) T n-Hexadecane (C16)	9.633	5955034	48.877 ug/ml
8) T n-Octadecane (C18)	11.070	5956256	47.515 ug/ml
10) T n-Eicosane (C20)	12.373	5651300	44.692 ug/ml
11) T n-Heneicosane (C21)	12.983	5519962	43.345 ug/ml
13) T n-Docosane (C22)	13.566	5400005	42.526 ug/ml
14) T n-Tetracosane (C24)	14.664	4991479	39.410 ug/mlm
15) T n-Hexacosane (C26)	15.681	4946683	39.894 ug/ml
16) T n-Octacosane (C28)	16.625	4883740	40.746 ug/ml
17) T n-Tricontane (C30)	17.511	4600436	40.617 ug/ml
18) T n-Dotriacontane (C32)	18.338	4355493	42.772 ug/ml
19) T n-Tetratriacontane (C34)	19.118	3818045	42.790 ug/ml
20) T n-Hexatriacontane (C36)	19.852	3119960	41.098 ug/mlm
21) T n-Octatriacontane (C38)	20.555	2350751	35.599 ug/ml
22) T n-Tetracontane (C40)	21.375	2103537	34.390 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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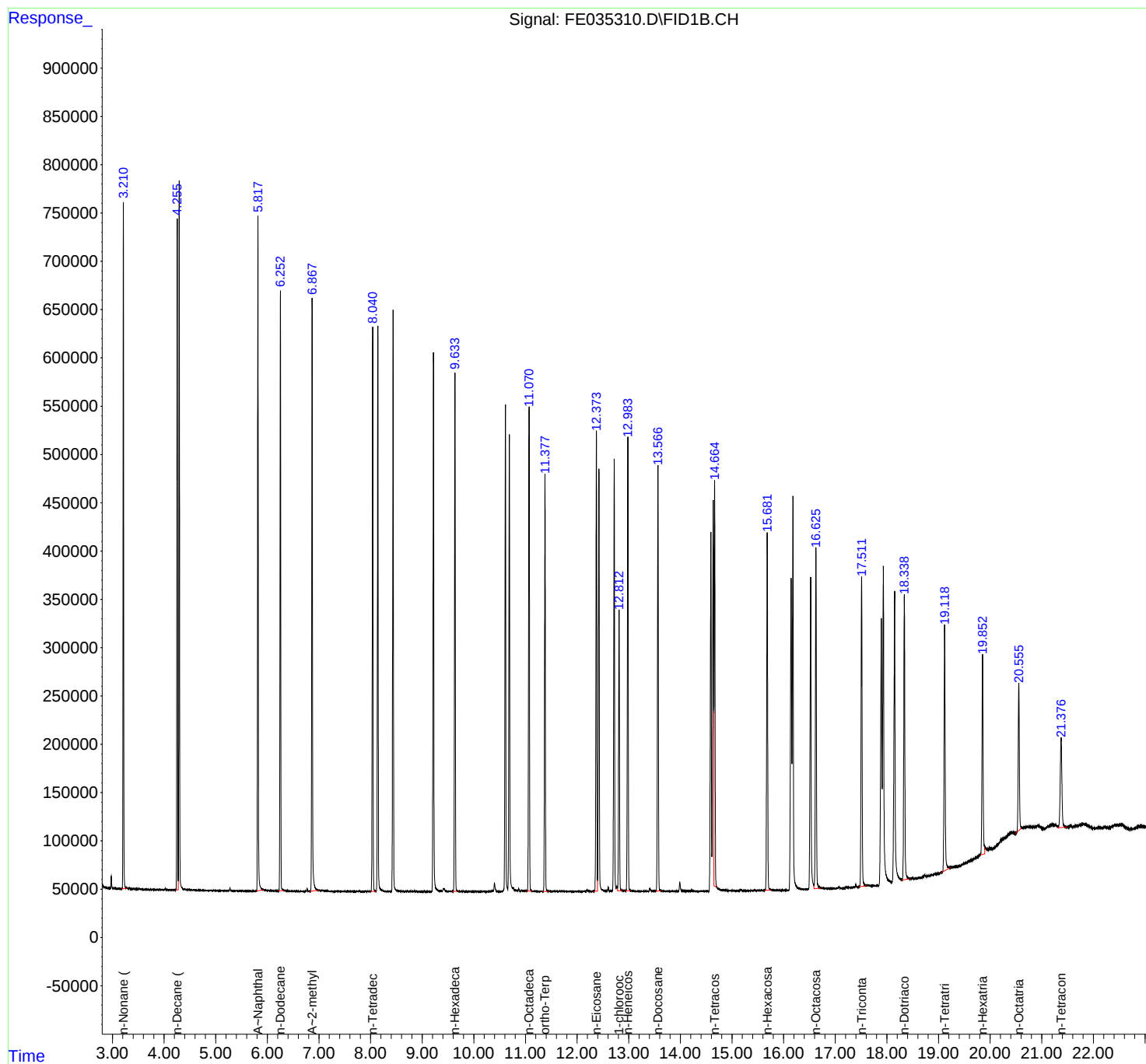
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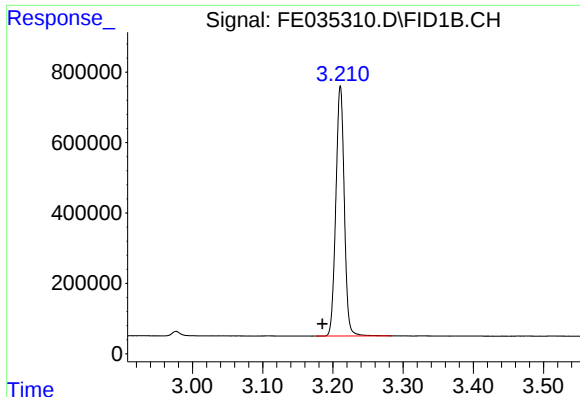
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#1 n-Nonane (C9)

R.T.: 3.211 min
Delta R.T.: 0.026 min
Response: 5938023
Conc: 51.71 ug/ml

Instrument :

FID_E

ClientSampleId :

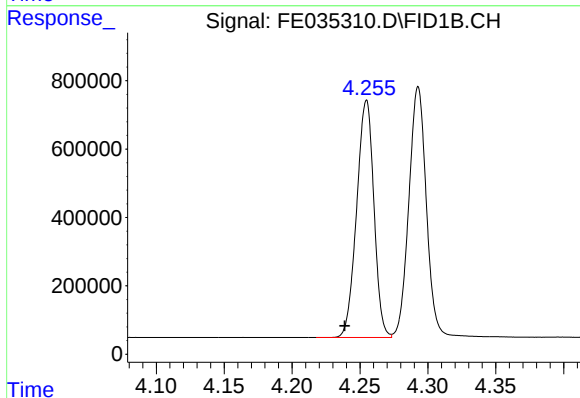
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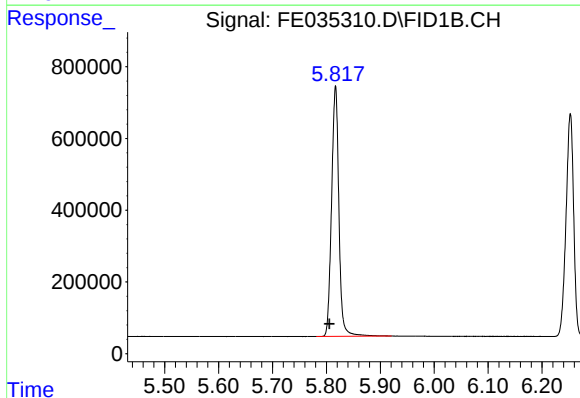
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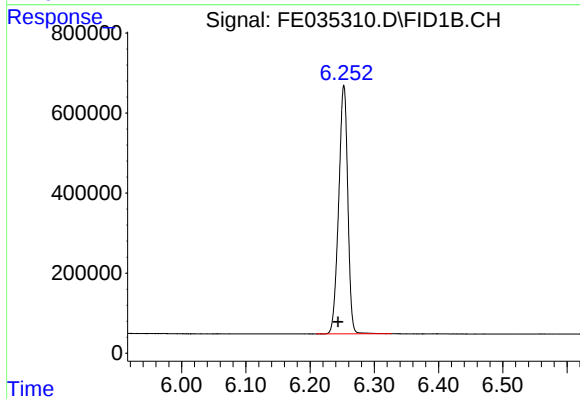
#2 n-Decane (C10)

R.T.: 4.255 min
Delta R.T.: 0.016 min
Response: 6135239
Conc: 53.85 ug/ml



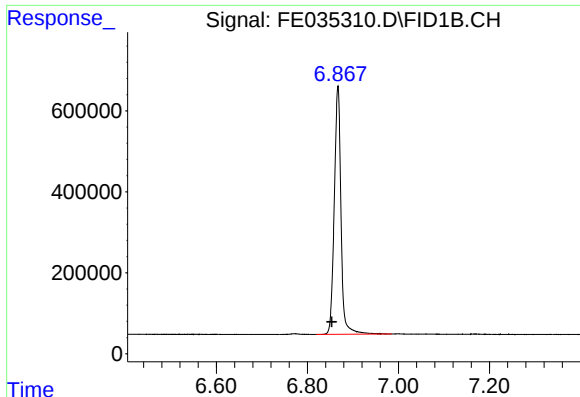
#3 A~Naphthalene (C11.7)

R.T.: 5.817 min
Delta R.T.: 0.012 min
Response: 6580593
Conc: 51.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.253 min
Delta R.T.: 0.009 min
Response: 6113991
Conc: 52.00 ug/ml



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

R.T.: 6.867 min
Delta R.T.: 0.014 min
Response: 6293409
Conc: 49.27 ug/ml

Instrument :

FID_E

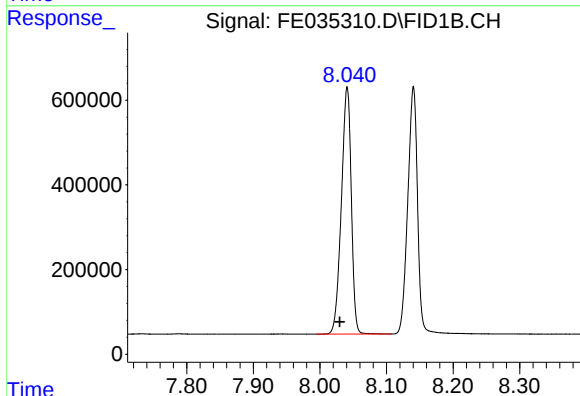
ClientSampleId :

PB143313BSD

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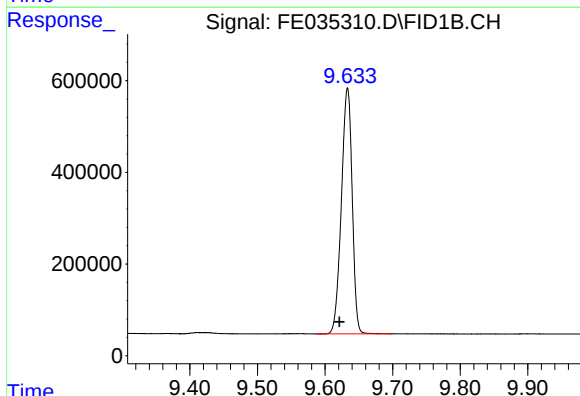
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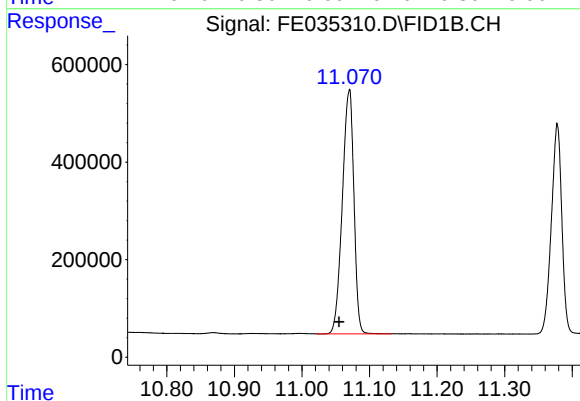
#6 n-Tetradecane (C14)

R.T.: 8.041 min
Delta R.T.: 0.011 min
Response: 6046306
Conc: 50.66 ug/ml



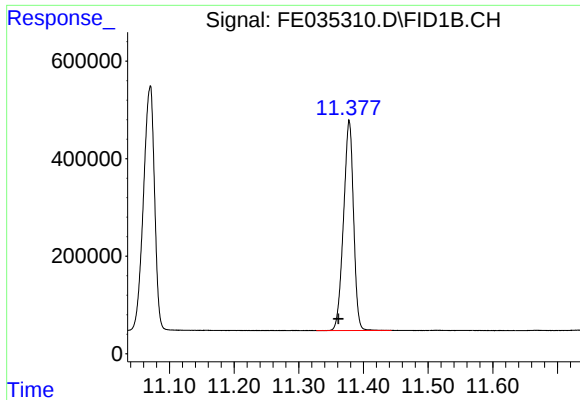
#7 n-Hexadecane (C16)

R.T.: 9.633 min
Delta R.T.: 0.012 min
Response: 5955034
Conc: 48.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.070 min
Delta R.T.: 0.015 min
Response: 5956256
Conc: 47.51 ug/ml



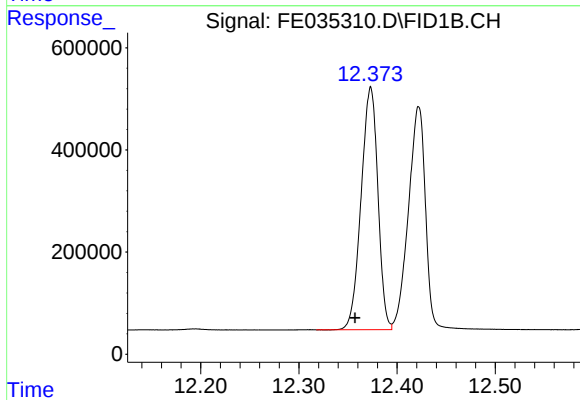
#9 ortho-Terphenyl (SURR)

R.T.: 11.378 min
Delta R.T.: 0.016 min
Response: 4641004
Conc: 33.51 ug/ml

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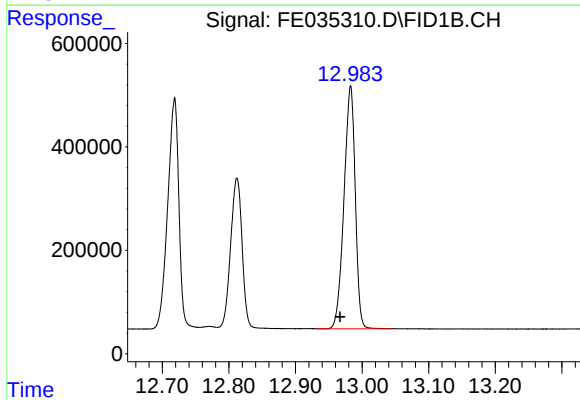
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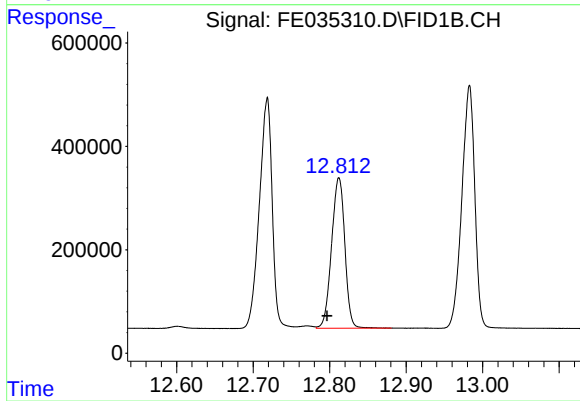
#10 n-Eicosane (C20)

R.T.: 12.373 min
Delta R.T.: 0.016 min
Response: 5651300
Conc: 44.69 ug/ml



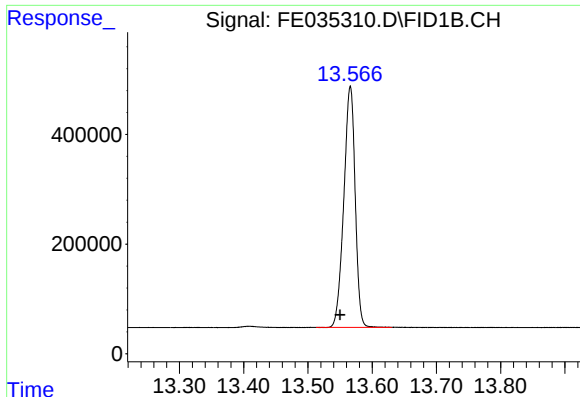
#11 n-Heneicosane (C21)

R.T.: 12.983 min
Delta R.T.: 0.016 min
Response: 5519962
Conc: 43.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.812 min
Delta R.T.: 0.015 min
Response: 3505062
Conc: 32.36 ug/ml



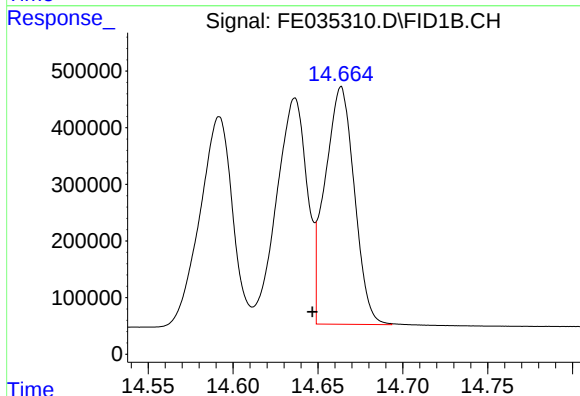
#13 n-Docosane (C22)

R.T.: 13.566 min
Delta R.T.: 0.016 min
Response: 540005
Conc: 42.53 ug/ml

Instrument :
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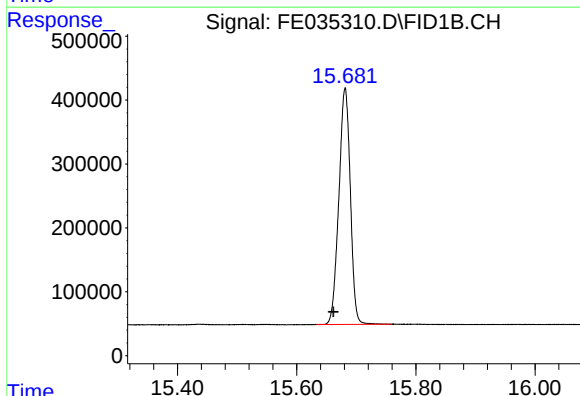
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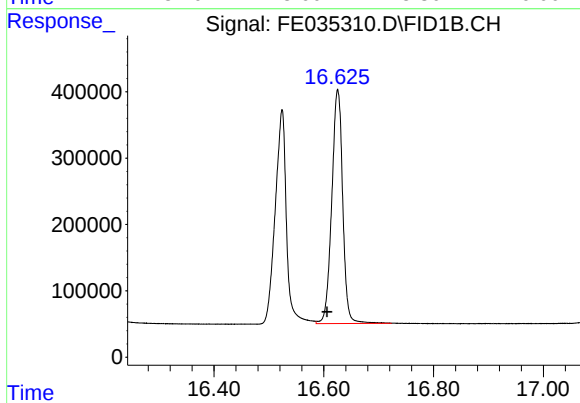
#14 n-Tetracosane (C24)

R.T.: 14.664 min
Delta R.T.: 0.017 min
Response: 4991479
Conc: 39.41 ug/ml m



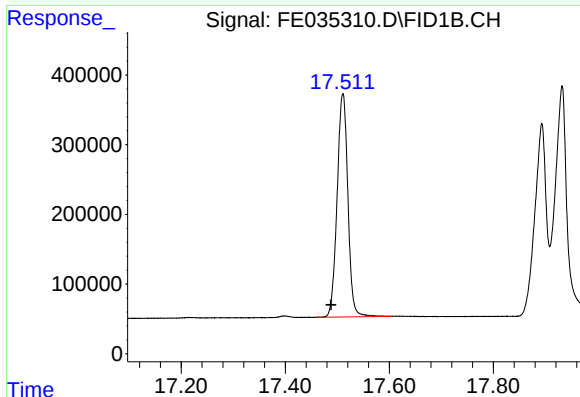
#15 n-Hexacosane (C26)

R.T.: 15.681 min
Delta R.T.: 0.020 min
Response: 4946683
Conc: 39.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.625 min
Delta R.T.: 0.019 min
Response: 4883740
Conc: 40.75 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.511 min
Delta R.T.: 0.022 min
Response: 4600436
Conc: 40.62 ug/ml

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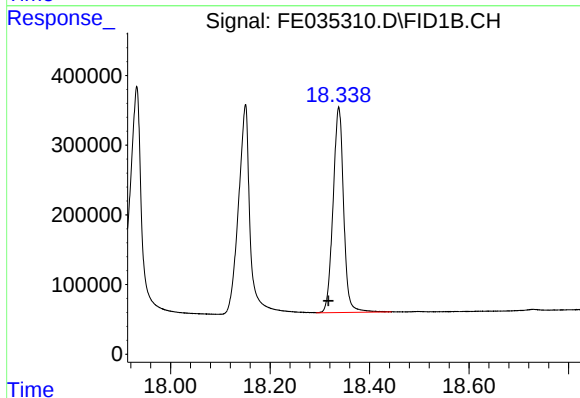
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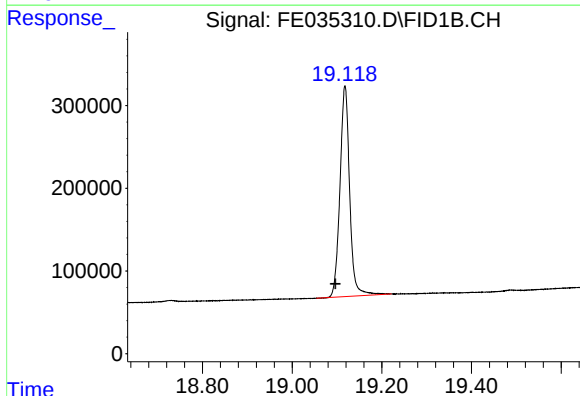
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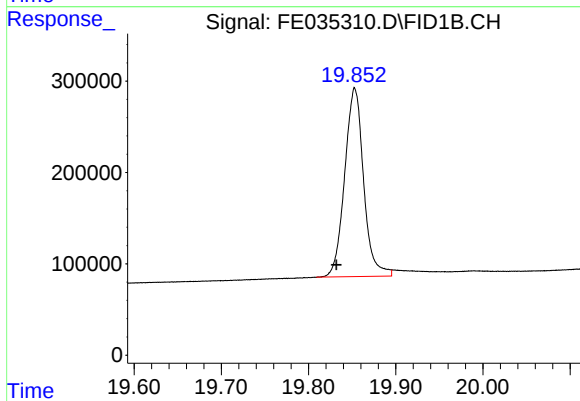
#18 n-Dotriacontane (C32)

R.T.: 18.338 min
Delta R.T.: 0.021 min
Response: 4355493
Conc: 42.77 ug/ml



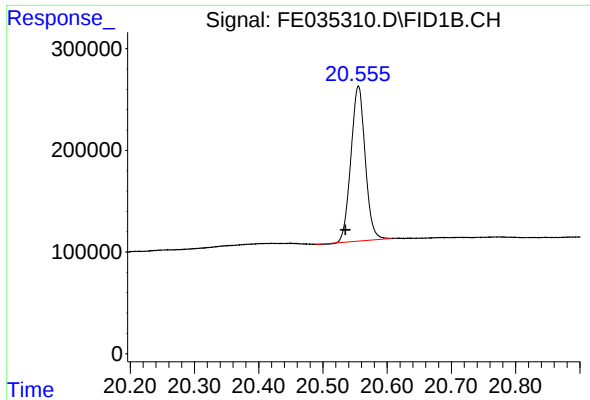
#19 n-Tetratriacontane (C34)

R.T.: 19.118 min
Delta R.T.: 0.022 min
Response: 3818045
Conc: 42.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.852 min
Delta R.T.: 0.020 min
Response: 3119960
Conc: 41.10 ug/ml m



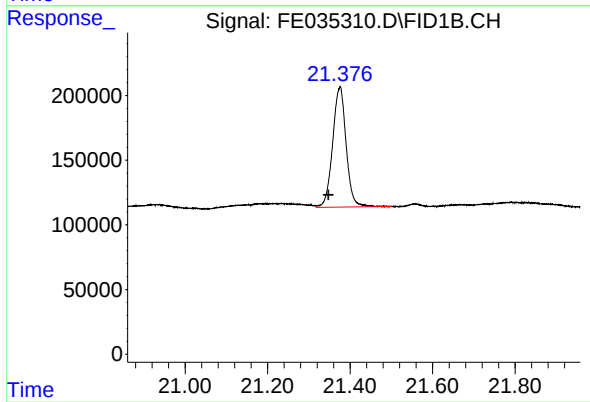
#21 n-Octatriacontane (C38)

R.T.: 20.555 min
Delta R.T.: 0.021 min
Response: 2350751
Conc: 35.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.375 min
Delta R.T.: 0.028 min
Response: 2103537
Conc: 34.39 ug/ml