

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031722AL\
 Data File : FE035395.D
 Signal(s) : FID1B.CH
 Acq On : 18 Mar 2022 1:54
 Operator : YP\AJ
 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 03/18/2022
 Supervised By :Ankita Jodhani 03/18/2022

Integration File: sample.E
 Quant Time: Mar 18 02:52:19 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)	11.361	2695176	19.459 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
12) S 1-chlorooctadecane (S...	12.795	2040321	18.836 ug/ml
Spiked Amount 50.000		Recovery =	37.67%
Target Compounds			
1) T n-Nonane (C9)	3.178	2296193	19.997 ug/ml
2) T n-Decane (C10)	4.233	2291920	20.117 ug/ml
3) T A~Naphthalene (C11.7)	5.801	2504997	19.722 ug/ml
4) T n-Dodecane (C12)	6.238	2384329	20.279 ug/ml
5) T A~2-methylnaphthalene...	6.850	2513630	19.678 ug/ml
6) T n-Tetradecane (C14)	8.025	2429231	20.355 ug/ml
7) T n-Hexadecane (C16)	9.618	2467295	20.251 ug/ml
8) T n-Octadecane (C18)	11.052	2500224	19.945 ug/ml
10) T n-Eicosane (C20)	12.355	2457442	19.434 ug/ml
11) T n-Heneicosane (C21)	12.964	2449336	19.233 ug/ml
13) T n-Docosane (C22)	13.547	2412387	18.998 ug/ml
14) T n-Tetracosane (C24)	14.645	2339779	18.474 ug/ml
15) T n-Hexacosane (C26)	15.661	2241336	18.076 ug/ml
16) T n-Octacosane (C28)	16.604	2151188	17.948 ug/ml
17) T n-Tricontane (C30)	17.488	2035646	17.973 ug/ml
18) T n-Dotriacontane (C32)	18.315	1878648	18.449 ug/ml
19) T n-Tetratriacontane (C34)	19.095	1713424	19.203 ug/ml
20) T n-Hexatriacontane (C36)	19.833	1517269	19.986 ug/ml
21) T n-Octatriacontane (C38)	20.533	1488961	22.548 ug/mlm
22) T n-Tetracontane (C40)	21.346	1511290	24.708 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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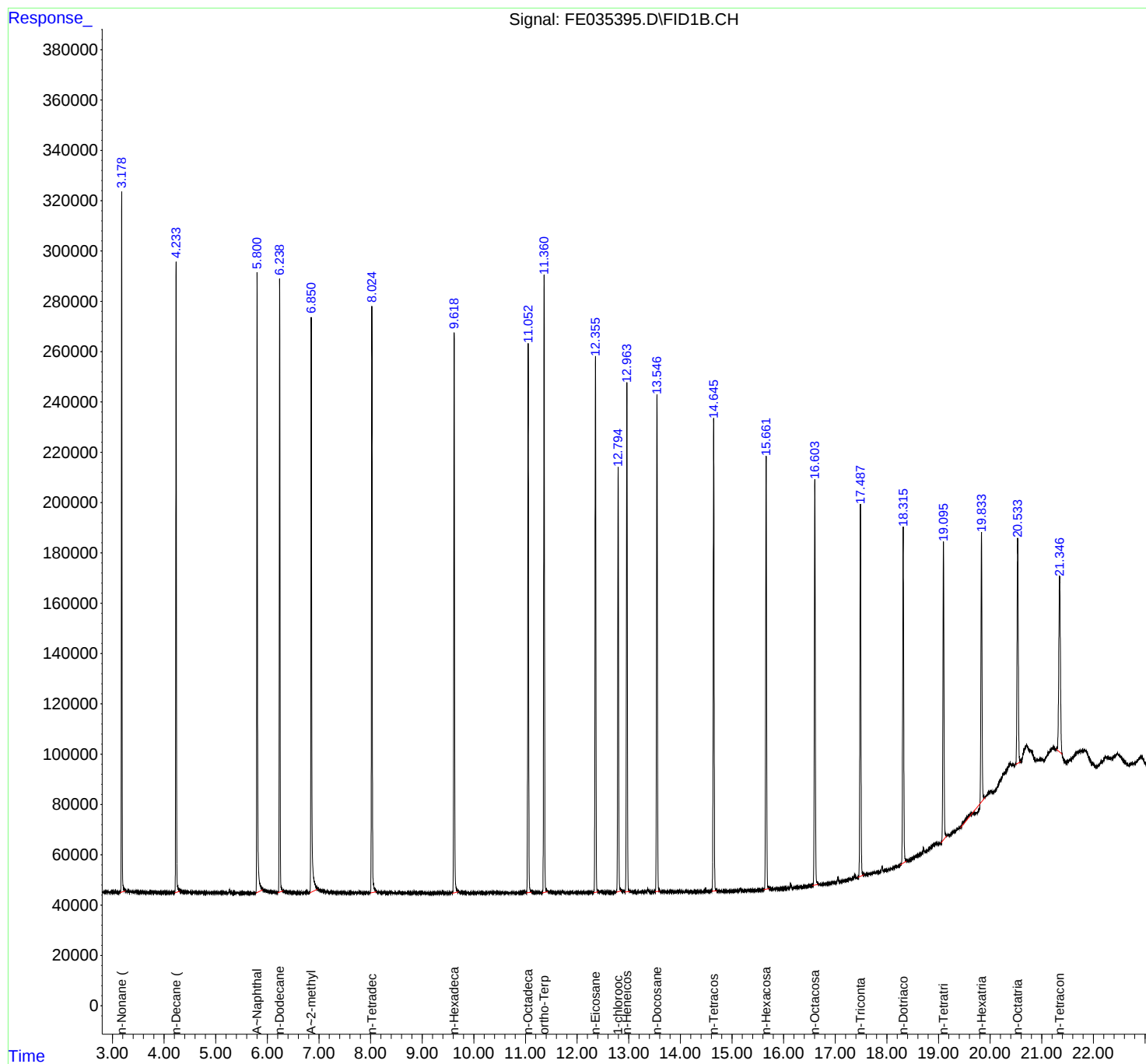
Instrument :
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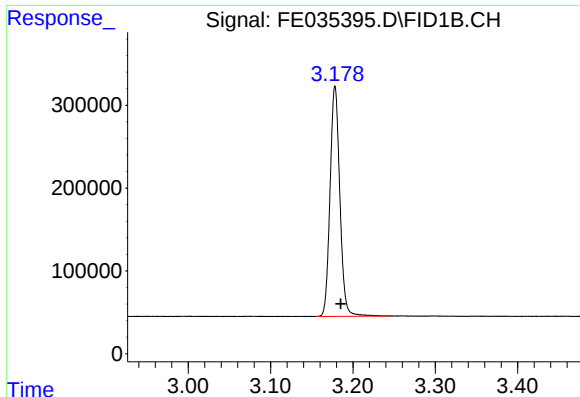
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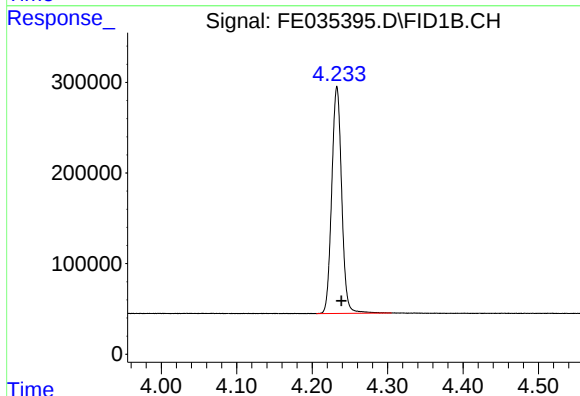
#1 n-Nonane (C9)

R.T.: 3.178 min
Delta R.T.: -0.007 min
Response: 2296193
Conc: 20.00 ug/ml

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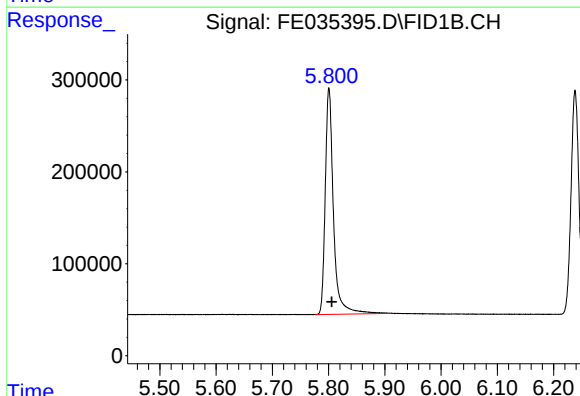
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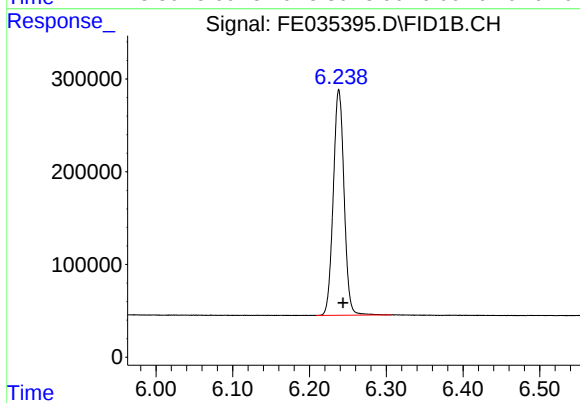
#2 n-Decane (C10)

R.T.: 4.233 min
Delta R.T.: -0.006 min
Response: 2291920
Conc: 20.12 ug/ml



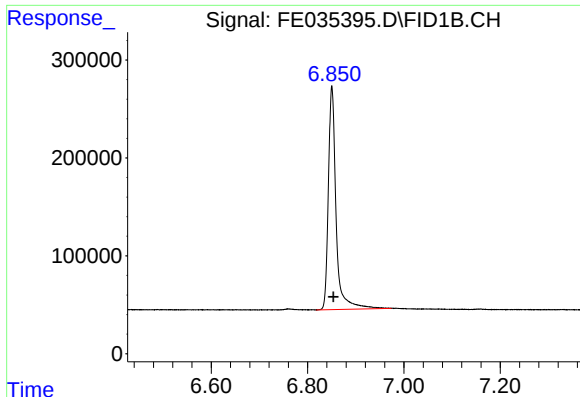
#3 A~Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: -0.005 min
Response: 2504997
Conc: 19.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.238 min
Delta R.T.: -0.005 min
Response: 2384329
Conc: 20.28 ug/ml



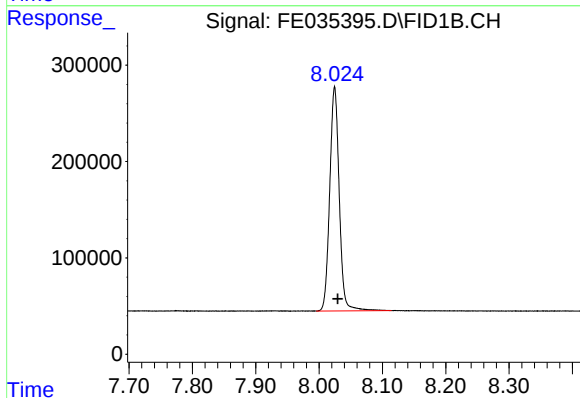
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: -0.003 min
Response: 2513630
Conc: 19.68 ug/ml

Instrument :
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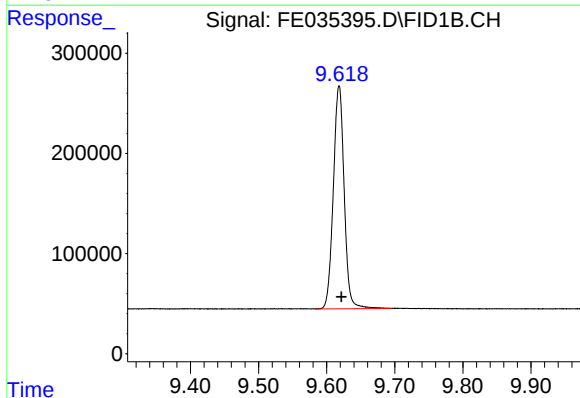
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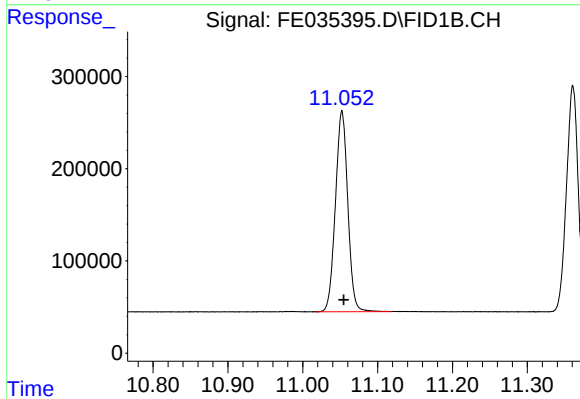
#6 n-Tetradecane (C14)

R.T.: 8.025 min
Delta R.T.: -0.005 min
Response: 2429231
Conc: 20.36 ug/ml



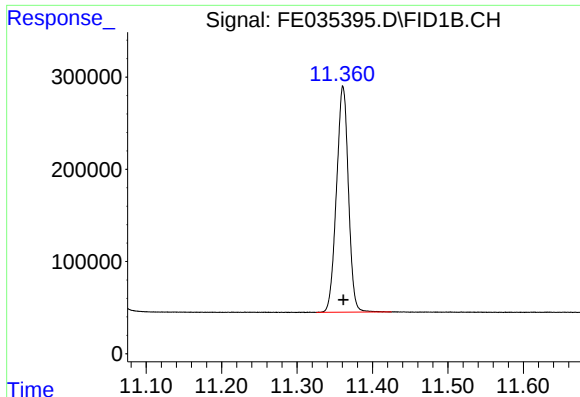
#7 n-Hexadecane (C16)

R.T.: 9.618 min
Delta R.T.: -0.003 min
Response: 2467295
Conc: 20.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.052 min
Delta R.T.: -0.002 min
Response: 2500224
Conc: 19.94 ug/ml



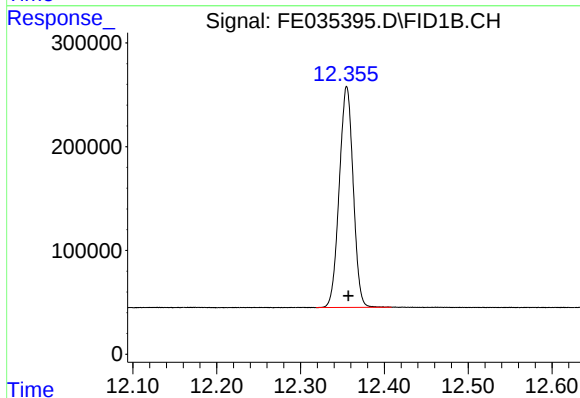
#9 ortho-Terphenyl (SURR)

R.T.: 11.361 min
Delta R.T.: 0.000 min
Response: 2695176
Conc: 19.46 ug/ml

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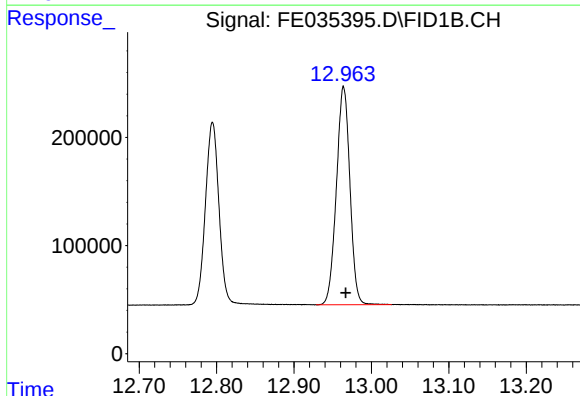
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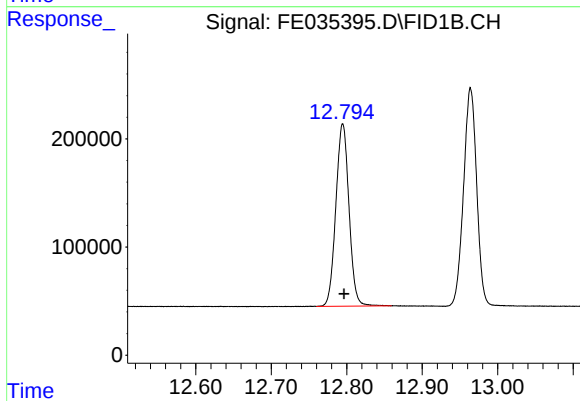
#10 n-Eicosane (C20)

R.T.: 12.355 min
Delta R.T.: -0.002 min
Response: 2457442
Conc: 19.43 ug/ml



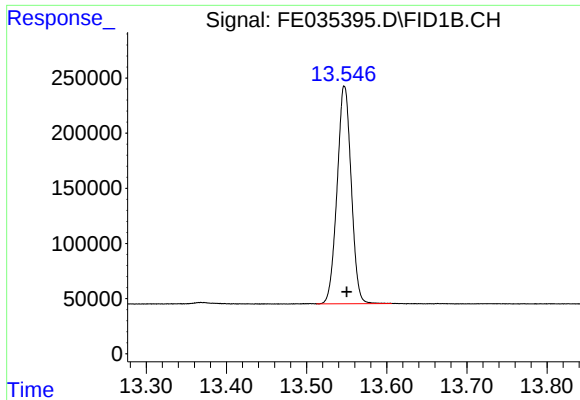
#11 n-Heneicosane (C21)

R.T.: 12.964 min
Delta R.T.: -0.003 min
Response: 2449336
Conc: 19.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.795 min
Delta R.T.: -0.002 min
Response: 2040321
Conc: 18.84 ug/ml



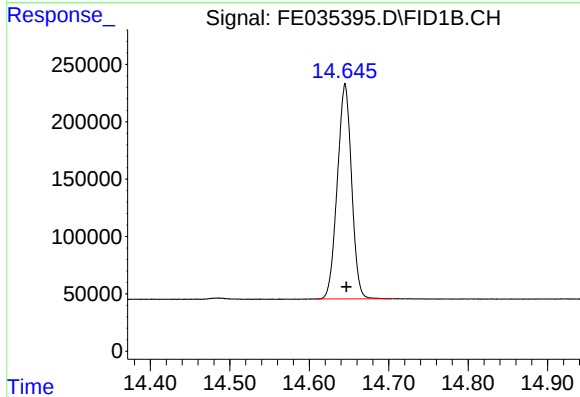
#13 n-Docosane (C22)

R.T.: 13.547 min
Delta R.T.: -0.003 min
Response: 2412387
Conc: 19.00 ug/ml

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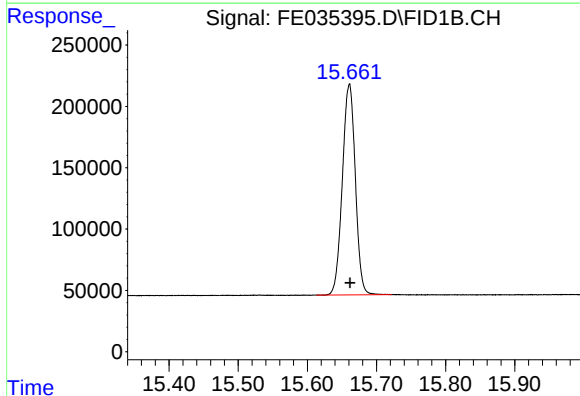
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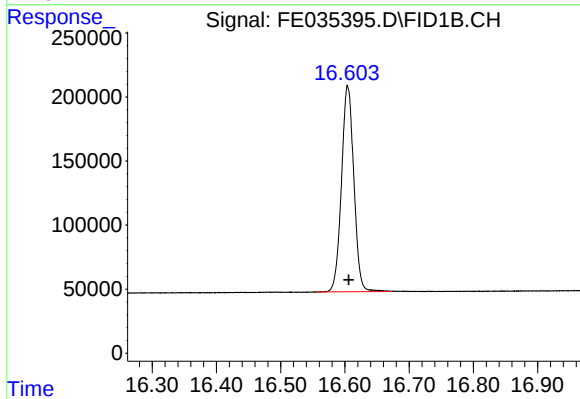
#14 n-Tetracosane (C24)

R.T.: 14.645 min
Delta R.T.: -0.002 min
Response: 2339779
Conc: 18.47 ug/ml



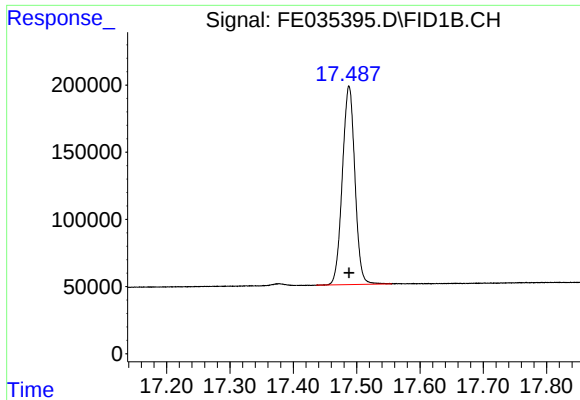
#15 n-Hexacosane (C26)

R.T.: 15.661 min
Delta R.T.: 0.000 min
Response: 2241336
Conc: 18.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.604 min
Delta R.T.: -0.002 min
Response: 2151188
Conc: 17.95 ug/ml



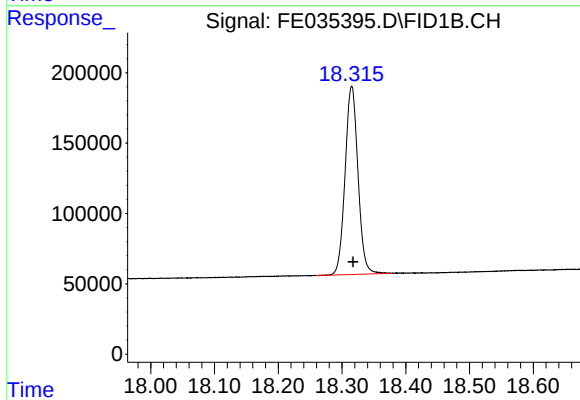
#17 n-Tricontane (C30)

R.T.: 17.488 min
Delta R.T.: 0.000 min
Response: 2035646
Conc: 17.97 ug/ml

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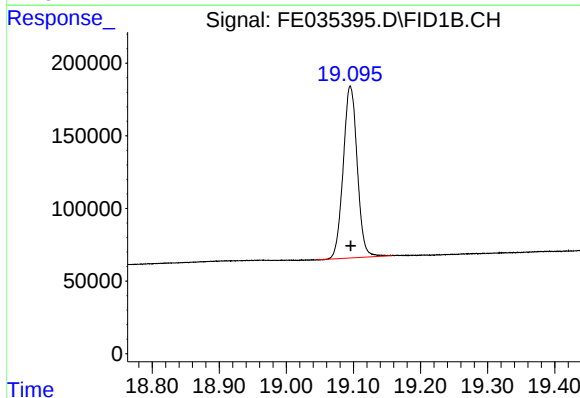
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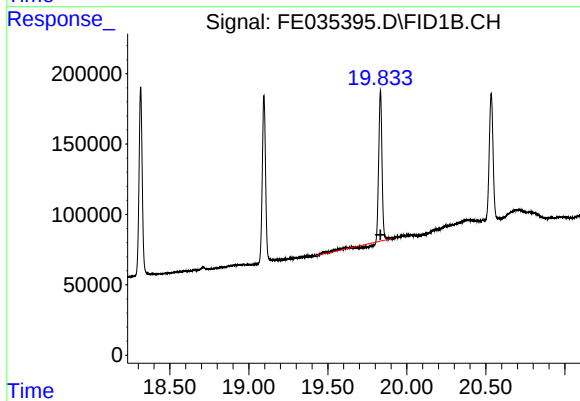
#18 n-Dotriacontane (C32)

R.T.: 18.315 min
Delta R.T.: -0.002 min
Response: 1878648
Conc: 18.45 ug/ml



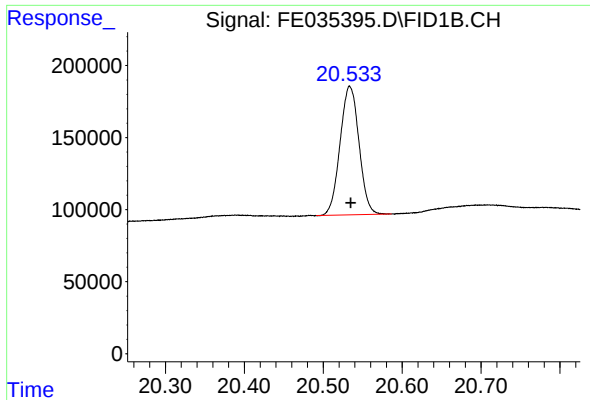
#19 n-Tetratriacontane (C34)

R.T.: 19.095 min
Delta R.T.: 0.000 min
Response: 1713424
Conc: 19.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.833 min
Delta R.T.: 0.001 min
Response: 1517269
Conc: 19.99 ug/ml



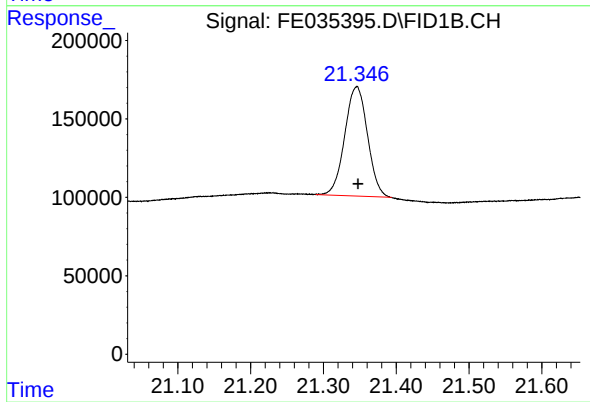
#21 n-Octatriacontane (C38)

R.T.: 20.533 min
Delta R.T.: -0.002 min
Response: 1488961
Conc: 22.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.346 min
Delta R.T.: -0.002 min
Response: 1511290
Conc: 24.71 ug/ml m