

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011122AL\
 Data File : FD040556.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jan 2022 22:53
 Operator : AJ\MA
 Sample : N1047-01MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 FM-E8-01-4.5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/12/2022
 Supervised By :Ankita Jodhani 01/13/2022

Integration File: sample.E
 Quant Time: Jan 12 00:34:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.624	5394331	34.985 ug/ml
Spiked Amount 50.000		Recovery =	69.97%
12) S 1-chlorooctadecane (S...	12.060	4012698	34.091 ug/ml
Spiked Amount 50.000		Recovery =	68.18%
Target Compounds			
1) T n-Nonane (C9)	2.578	5171224	40.280 ug/ml
2) T n-Decane (C10)	3.563	5994007	46.549 ug/ml
3) T A~Naphthalene (C11.7)	5.090	7220936	50.826 ug/ml
4) T n-Dodecane (C12)	5.528	6534967	51.129 ug/ml
5) T A~2-methylnaphthalene...	6.131	7252872	51.412 ug/ml
6) T n-Tetradecane (C14)	7.307	7059482	54.496 ug/ml
7) T n-Hexadecane (C16)	8.894	7807359	59.925 ug/ml
8) T n-Octadecane (C18)	10.325	8032768	59.282 ug/ml
10) T n-Eicosane (C20)	11.626	8262791	60.747 ug/ml
11) T n-Heneicosane (C21)	12.233	7678415	55.450 ug/ml
13) T n-Docosane (C22)	12.816	7533976	54.639 ug/ml
14) T n-Tetracosane (C24)	13.913	7338299	52.482 ug/ml
15) T n-Hexacosane (C26)	14.929	6965727	50.533 ug/ml
16) T n-Octacosane (C28)	15.871	6681495	49.242 ug/ml
17) T n-Tricontane (C30)	16.756	6587900	50.545 ug/ml
18) T n-Dotriacontane (C32)	17.581	6334461	52.988 ug/ml
19) T n-Tetratriacontane (C34)	18.360	5781520	54.909 ug/ml
20) T n-Hexatriacontane (C36)	19.096	4897912	48.336 ug/ml
21) T n-Octatriacontane (C38)	19.795	4583663	51.303 ug/mlm
22) T n-Tetracontane (C40)	20.596	4699464	54.976 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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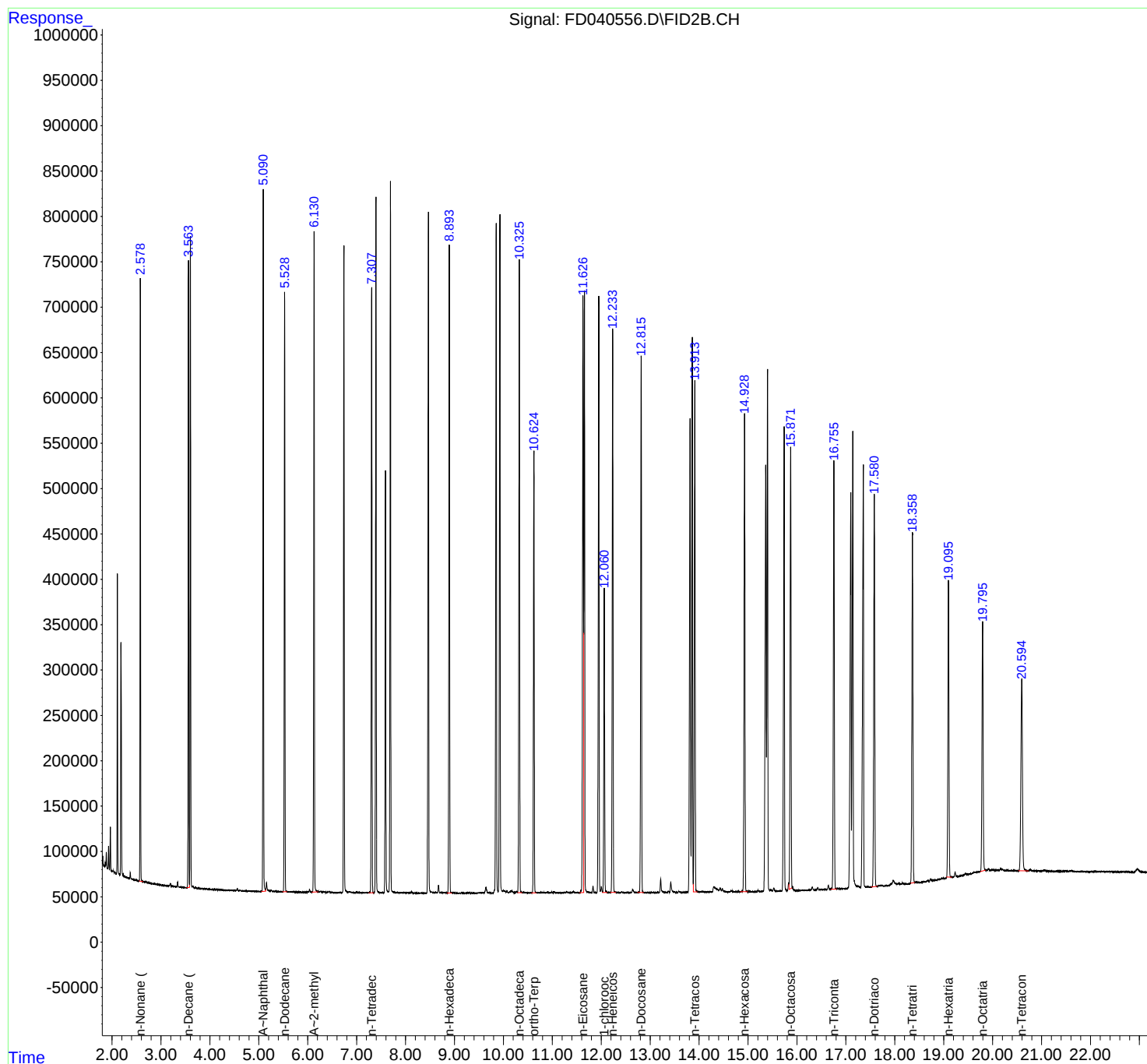
Instrument :
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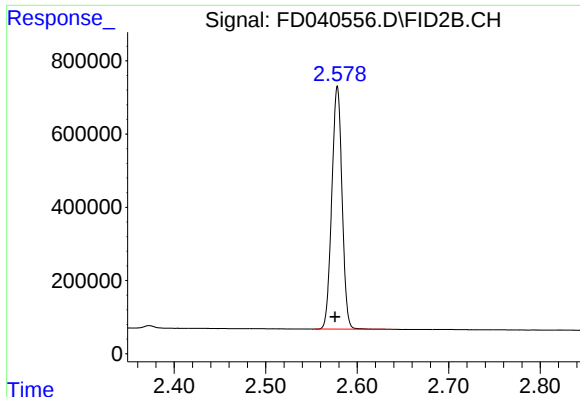
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#1 n-Nonane (C9)

R.T.: 2.578 min
Delta R.T.: 0.002 min
Response: 5171224
Conc: 40.28 ug/ml

Instrument :

FID_D

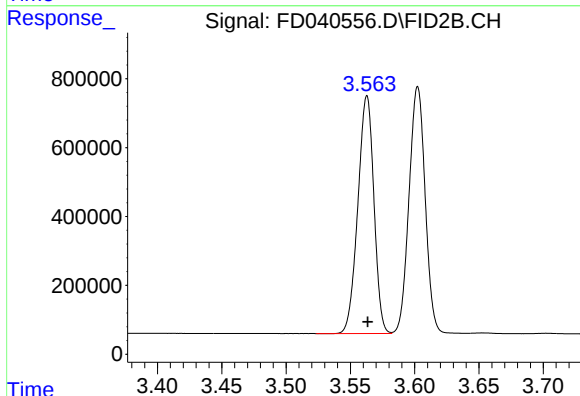
ClientSampleId :

FM-E8-01-4.5MS

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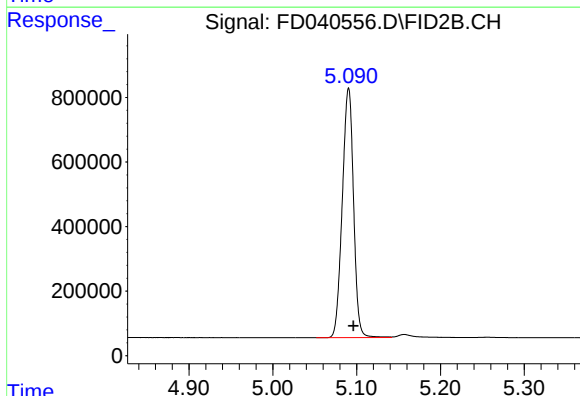
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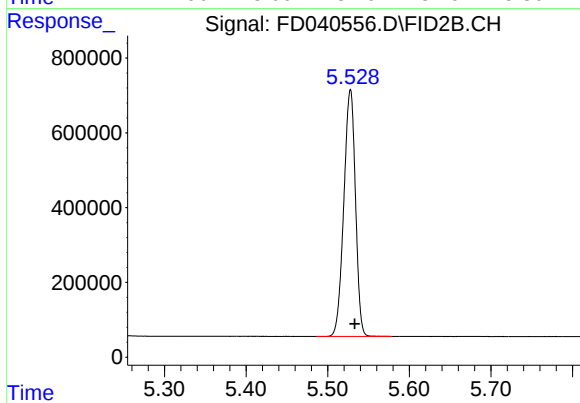
#2 n-Decane (C10)

R.T.: 3.563 min
Delta R.T.: 0.000 min
Response: 5994007
Conc: 46.55 ug/ml



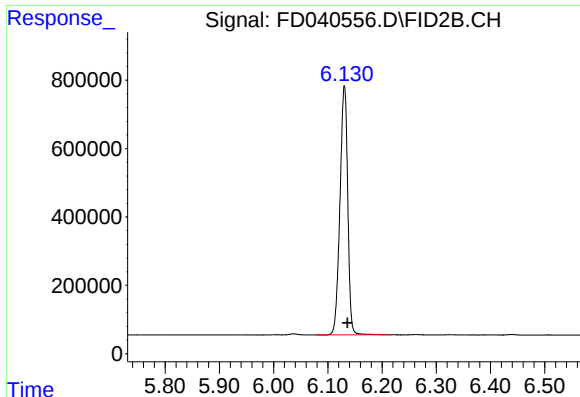
#3 A~Naphthalene (C11.7)

R.T.: 5.090 min
Delta R.T.: -0.006 min
Response: 7220936
Conc: 50.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.528 min
Delta R.T.: -0.005 min
Response: 6534967
Conc: 51.13 ug/ml



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

R.T.: 6.131 min
Delta R.T.: -0.005 min
Response: 7252872
Conc: 51.41 ug/ml

Instrument :

FID_D

ClientSampleId :

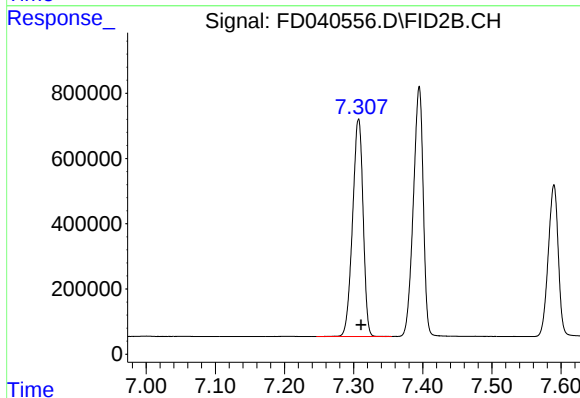
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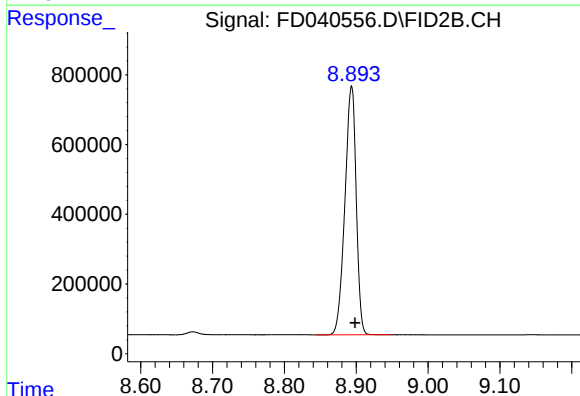
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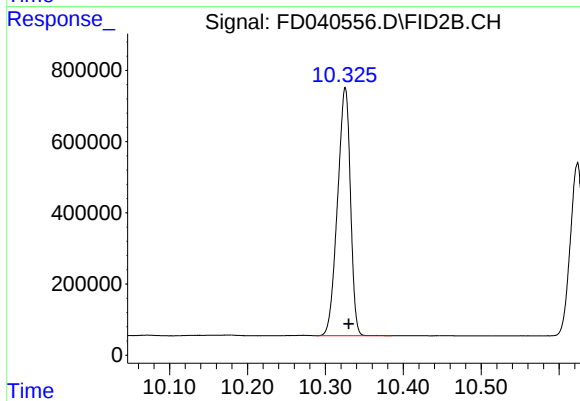
#6 n-Tetradecane (C14)

R.T.: 7.307 min
Delta R.T.: -0.004 min
Response: 7059482
Conc: 54.50 ug/ml



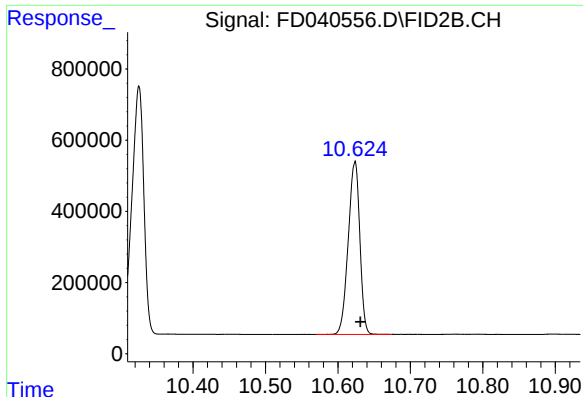
#7 n-Hexadecane (C16)

R.T.: 8.894 min
Delta R.T.: -0.005 min
Response: 7807359
Conc: 59.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.325 min
Delta R.T.: -0.004 min
Response: 8032768
Conc: 59.28 ug/ml



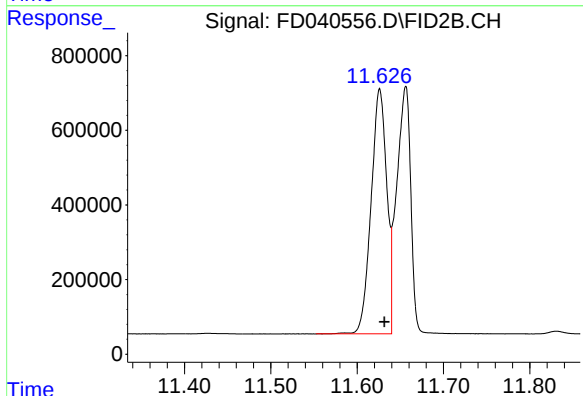
#9 ortho-Terphenyl (SURR)

R.T.: 10.624 min
Delta R.T.: -0.007 min
Response: 5394331
Conc: 34.99 ug/ml

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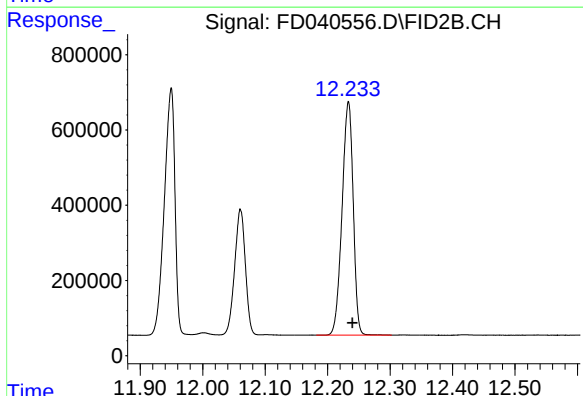
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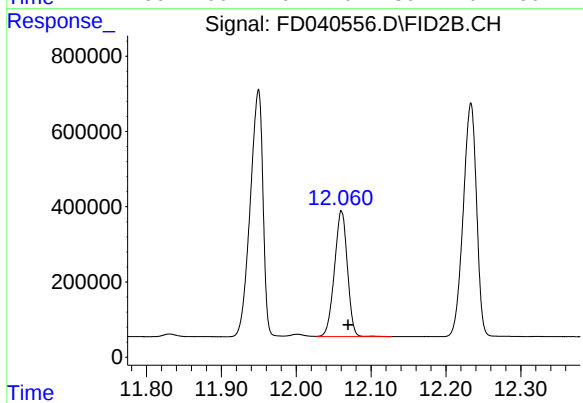
#10 n-Eicosane (C20)

R.T.: 11.626 min
Delta R.T.: -0.005 min
Response: 8262791
Conc: 60.75 ug/ml



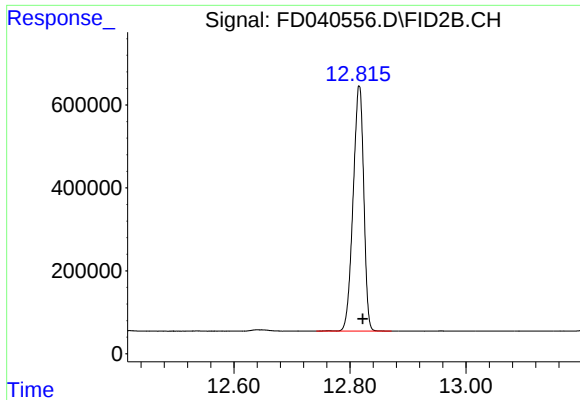
#11 n-Heneicosane (C21)

R.T.: 12.233 min
Delta R.T.: -0.006 min
Response: 7678415
Conc: 55.45 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.060 min
Delta R.T.: -0.009 min
Response: 4012698
Conc: 34.09 ug/ml



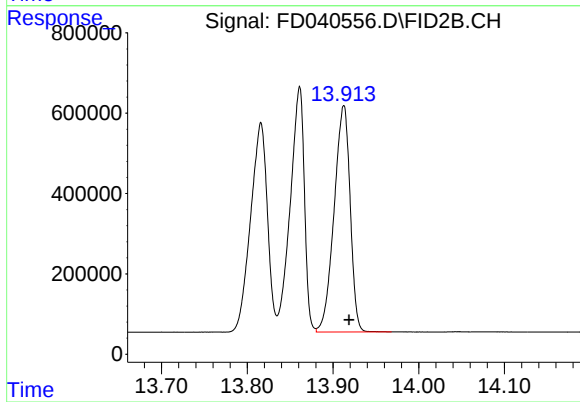
#13 n-Docosane (C22)

R.T.: 12.816 min
Delta R.T.: -0.006 min
Response: 7533976
Conc: 54.64 ug/ml

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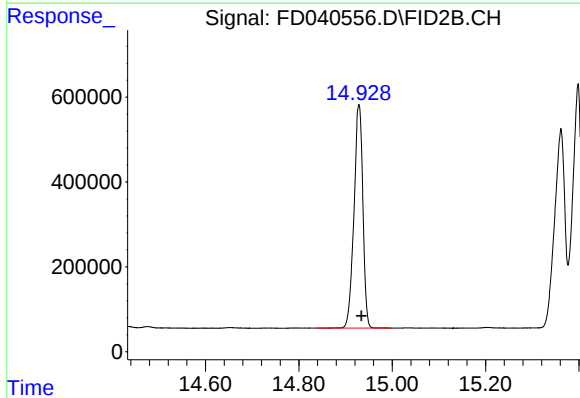
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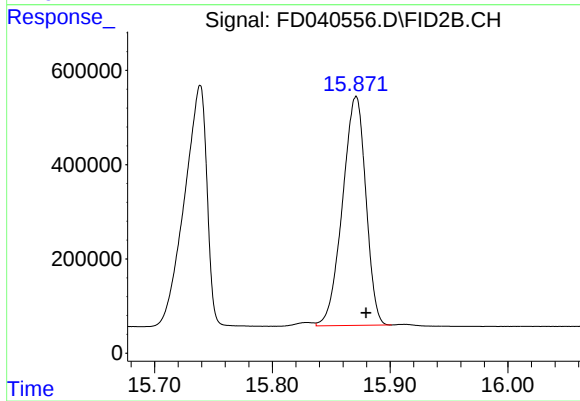
#14 n-Tetracosane (C24)

R.T.: 13.913 min
Delta R.T.: -0.006 min
Response: 7338299
Conc: 52.48 ug/ml



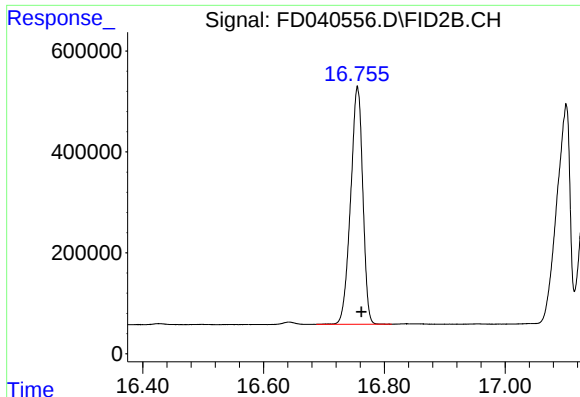
#15 n-Hexacosane (C26)

R.T.: 14.929 min
Delta R.T.: -0.005 min
Response: 6965727
Conc: 50.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.871 min
Delta R.T.: -0.008 min
Response: 6681495
Conc: 49.24 ug/ml



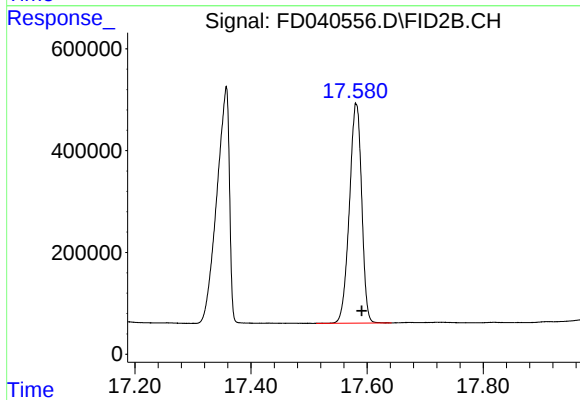
#17 n-Tricontane (C30)

R.T.: 16.756 min
Delta R.T.: -0.007 min
Response: 6587900
Conc: 50.54 ug/ml

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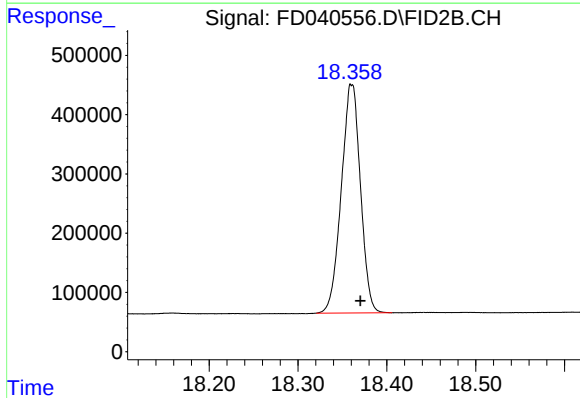
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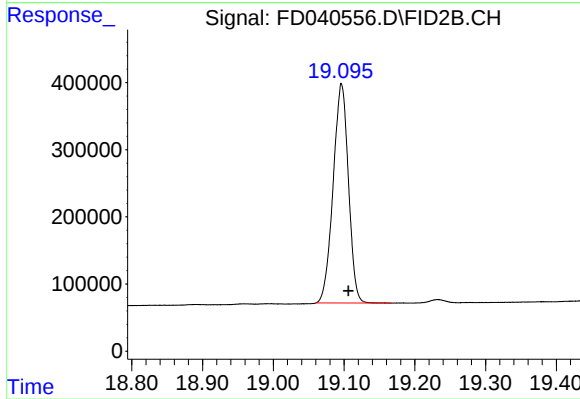
#18 n-Dotriacontane (C32)

R.T.: 17.581 min
Delta R.T.: -0.010 min
Response: 6334461
Conc: 52.99 ug/ml



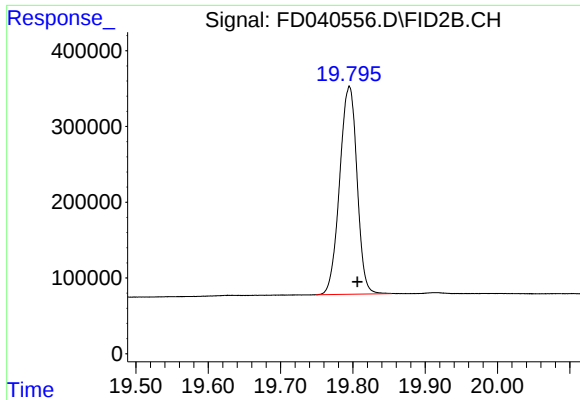
#19 n-Tetratriacontane (C34)

R.T.: 18.360 min
Delta R.T.: -0.010 min
Response: 5781520
Conc: 54.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.096 min
Delta R.T.: -0.010 min
Response: 4897912
Conc: 48.34 ug/ml



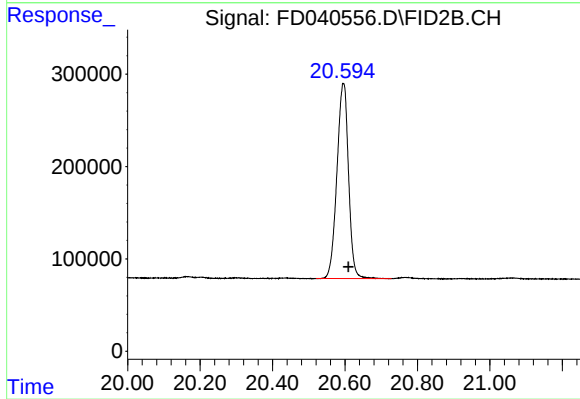
#21 n-Octatriacontane (C38)

R.T.: 19.795 min
Delta R.T.: -0.011 min
Response: 4583663
Conc: 51.30 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.596 min
Delta R.T.: -0.013 min
Response: 4699464
Conc: 54.98 ug/ml