

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061422AL\
 Data File : FC060238.D
 Signal(s) : FID1A.CH
 Acq On : 14 Jun 2022 20:36
 Operator : UA/NP
 Sample : N3319-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TR-06-061022MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/15/2022
 Supervised By :Ankita Jodhani 06/15/2022

Integration File: autoint1.e
 Quant Time: Jun 15 01:20:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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)	10.656	5322592	34.202 ug/ml
Spiked Amount 50.000		Recovery =	68.40%
12) S 1-chlorooctadecane (S...	12.133f	223263712	1800.677 ug/mlm
Spiked Amount 50.000		Recovery =	3601.35%
Target Compounds			
1) T n-Nonane (C9)	2.629	4662915	36.433 ug/ml
2) T n-Decane (C10)	3.627	5196301	40.618 ug/ml
3) T A~Naphthalene (C11.7)	5.164	6985442	48.329 ug/ml
4) T n-Dodecane (C12)	5.580	6496438	48.733 ug/ml
5) T A~2-methylnaphthalene...	6.190	7680881	52.333 ug/ml
6) T n-Tetradecane (C14)	7.337	7795967	57.107 ug/ml
7) T n-Hexadecane (C16)	8.901	7998364	57.006 ug/mlm
8) T n-Octadecane (C18)	10.313	8393951	58.655 ug/ml
10) T n-Eicosane (C20)	11.596	8105671	56.814 ug/mlm
11) T n-Heneicosane (C21)	12.177	99171476	691.871 ug/ml
13) T n-Docosane (C22)	12.775	8182039	57.419 ug/ml
14) T n-Tetracosane (C24)	13.854	14636138	104.298 ug/ml
15) T n-Hexacosane (C26)	14.851	6984732	51.580 ug/ml
16) T n-Octacosane (C28)	15.777	7021093	53.911 ug/ml
17) T n-Tricontane (C30)	16.650	6647714	54.300 ug/ml
18) T n-Dotriacontane (C32)	17.462	6719150	60.264 ug/ml
19) T n-Tetratriacontane (C34)	18.229	6280700	61.579 ug/ml
20) T n-Hexatriacontane (C36)	18.954	5876872	62.059 ug/mlm
21) T n-Octatriacontane (C38)	19.642	5130694	55.610 ug/ml
22) T n-Tetracontane (C40)	20.291	5947822	63.217 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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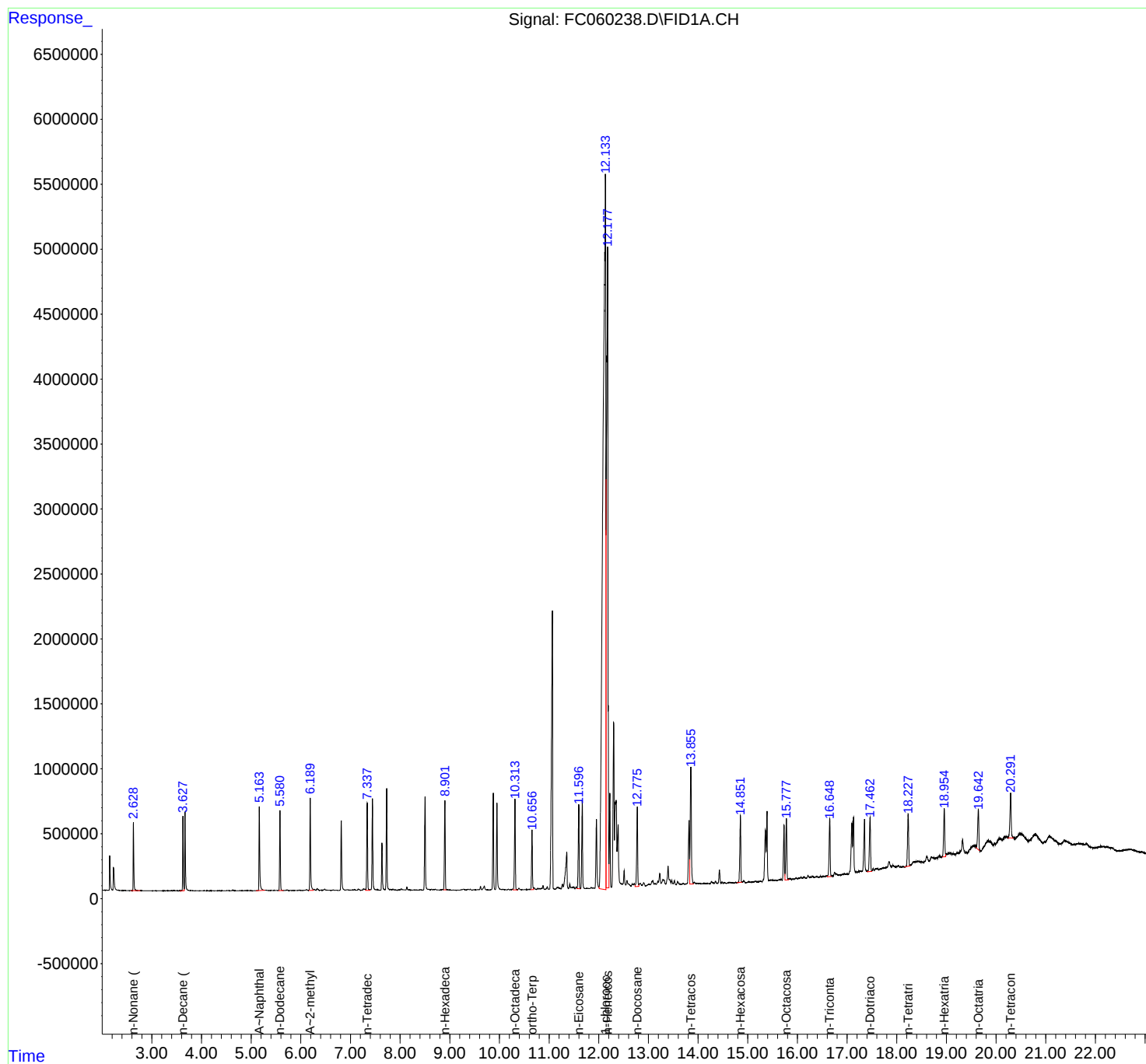
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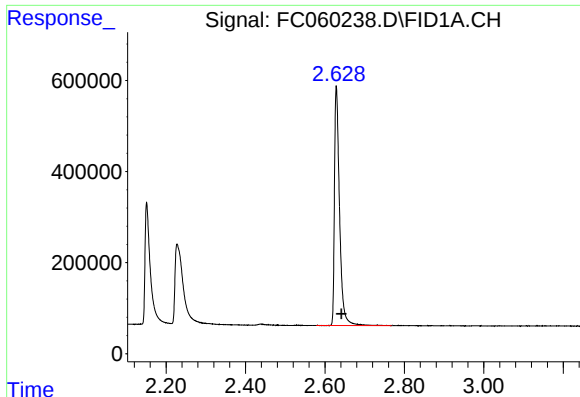
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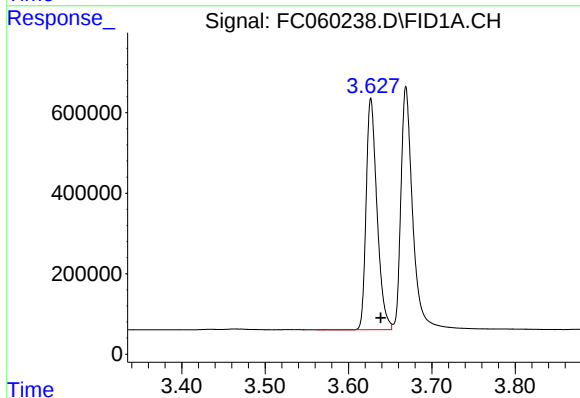
#1 n-Nonane (C9)

R.T.: 2.629 min
Delta R.T.: -0.012 min
Response: 4662915
Conc: 36.43 ug/ml

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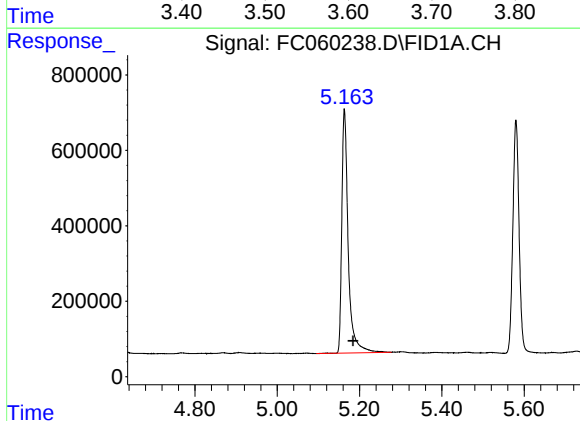
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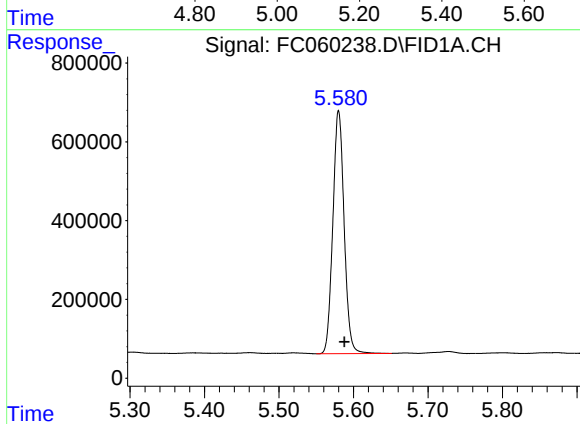
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: -0.011 min
Response: 5196301
Conc: 40.62 ug/ml



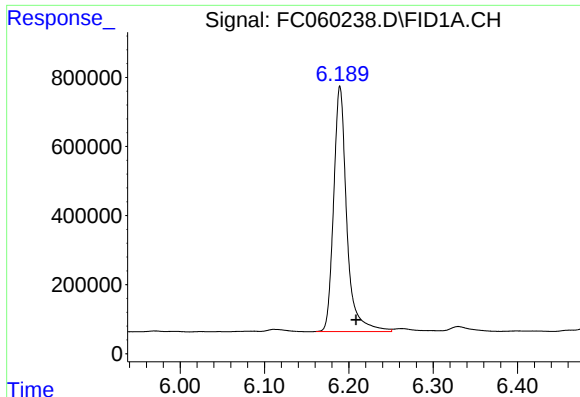
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.020 min
Response: 6985442
Conc: 48.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 6496438
Conc: 48.73 ug/ml



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

R.T.: 6.190 min
Delta R.T.: -0.019 min
Response: 7680881
Conc: 52.33 ug/ml

Instrument :

FID_C

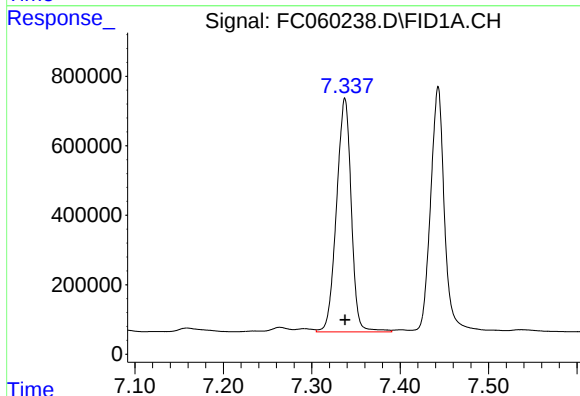
ClientSampleId :

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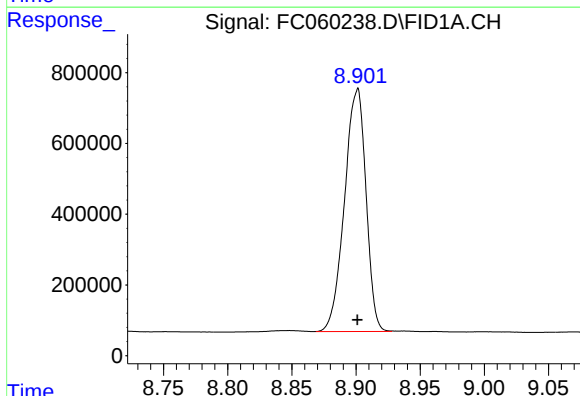
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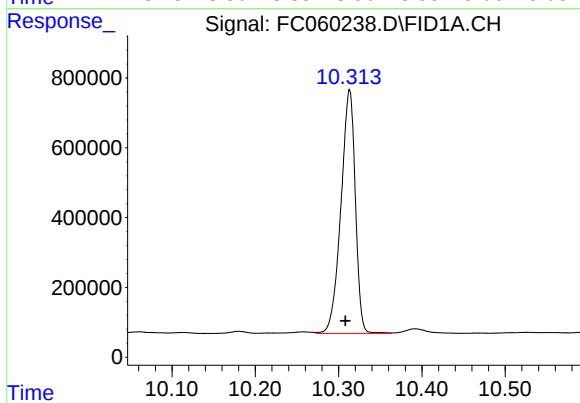
#6 n-Tetradecane (C14)

R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 7795967
Conc: 57.11 ug/ml



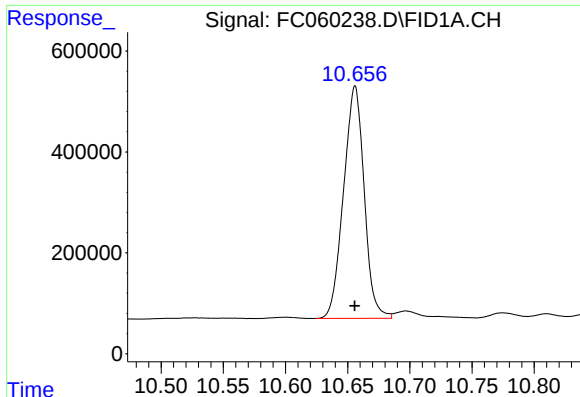
#7 n-Hexadecane (C16)

R.T.: 8.901 min
Delta R.T.: 0.000 min
Response: 7998364
Conc: 57.01 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.313 min
Delta R.T.: 0.005 min
Response: 8393951
Conc: 58.65 ug/ml



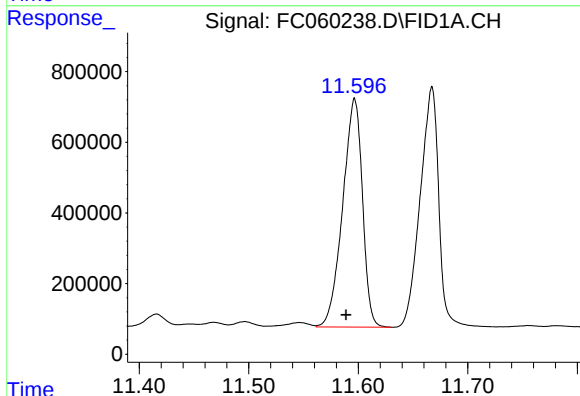
#9 ortho-Terphenyl (SURR)

R.T.: 10.656 min
Delta R.T.: 0.000 min
Response: 5322592
Conc: 34.20 ug/ml

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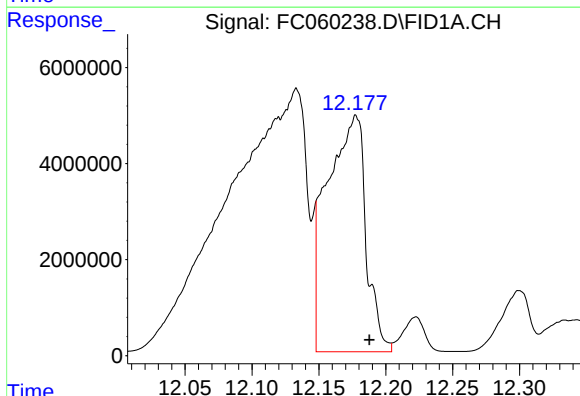
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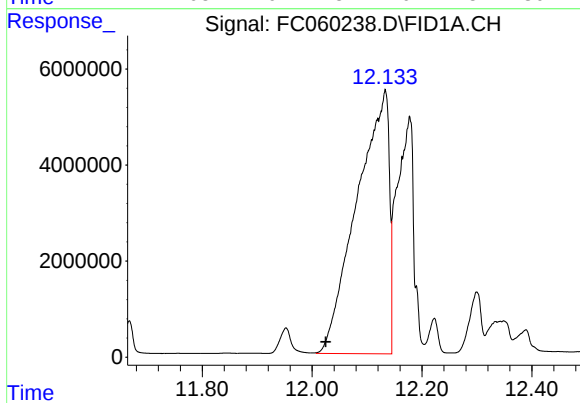
#10 n-Eicosane (C20)

R.T.: 11.596 min
Delta R.T.: 0.007 min
Response: 8105671
Conc: 56.81 ug/ml m



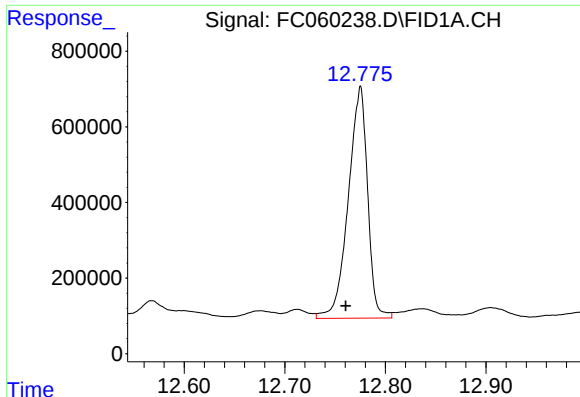
#11 n-Heneicosane (C21)

R.T.: 12.177 min
Delta R.T.: -0.011 min
Response: 99171476
Conc: 691.87 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.133 min
Delta R.T.: 0.108 min
Response: 223263712
Conc: 1800.68 ug/ml m



#13 n-Docosane (C22)

R.T.: 12.775 min
Delta R.T.: 0.014 min
Response: 8182039
Conc: 57.42 ug/ml

Instrument :

FID_C

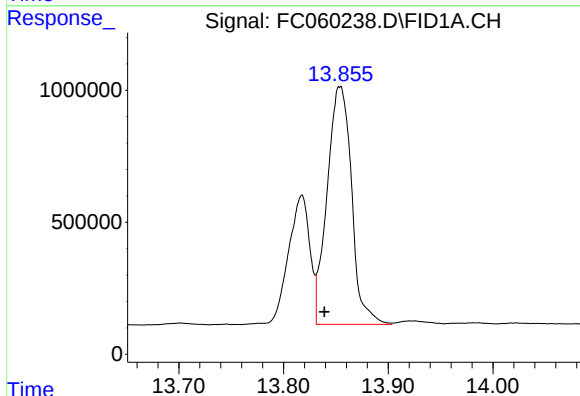
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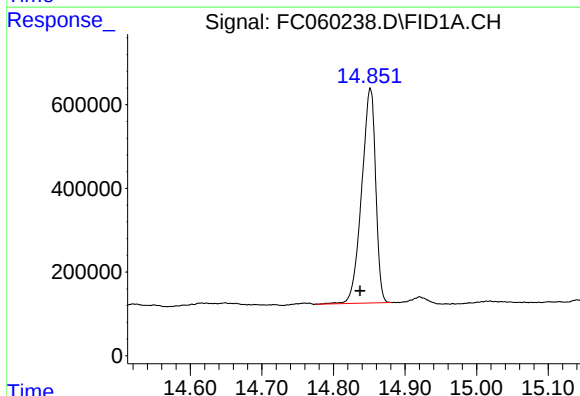
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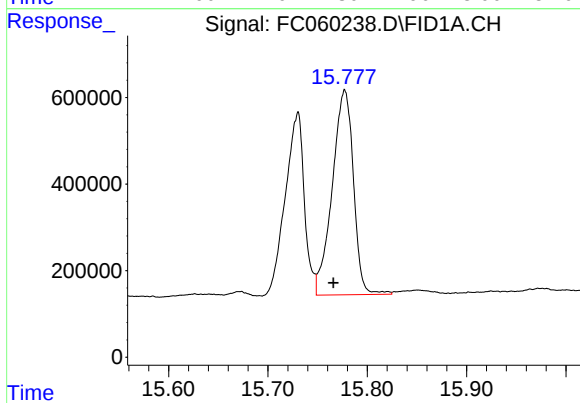
#14 n-Tetracosane (C24)

R.T.: 13.854 min
Delta R.T.: 0.015 min
Response: 14636138
Conc: 104.30 ug/ml



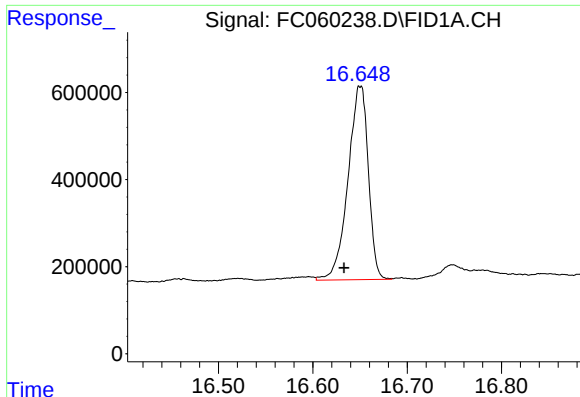
#15 n-Hexacosane (C26)

R.T.: 14.851 min
Delta R.T.: 0.014 min
Response: 6984732
Conc: 51.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.777 min
Delta R.T.: 0.011 min
Response: 7021093
Conc: 53.91 ug/ml



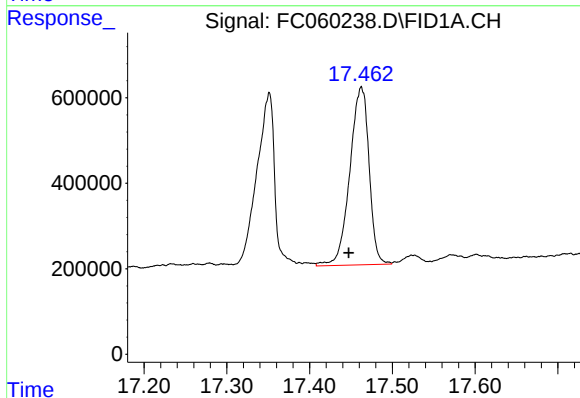
#17 n-Tricontane (C30)

R.T.: 16.650 min
Delta R.T.: 0.017 min
Response: 6647714
Conc: 54.30 ug/ml

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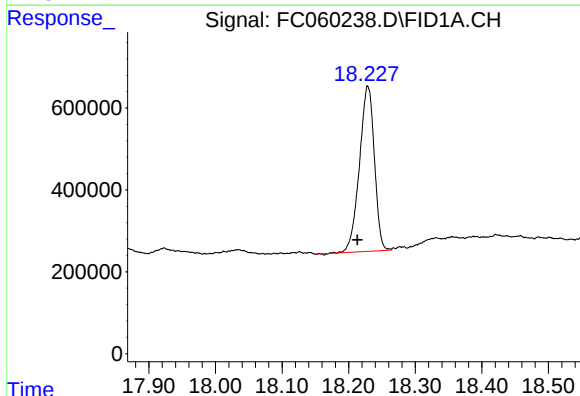
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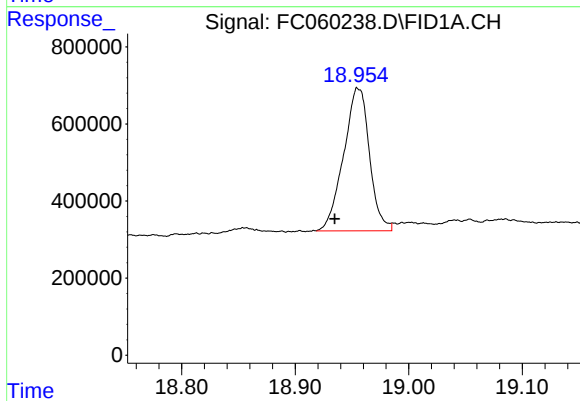
#18 n-Dotriacontane (C32)

R.T.: 17.462 min
Delta R.T.: 0.015 min
Response: 6719150
Conc: 60.26 ug/ml



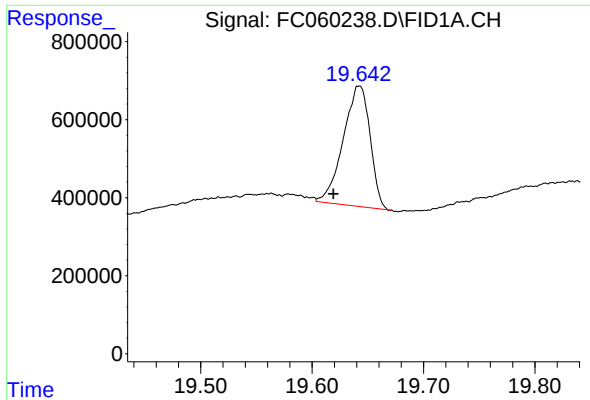
#19 n-Tetratriacontane (C34)

R.T.: 18.229 min
Delta R.T.: 0.016 min
Response: 6280700
Conc: 61.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.954 min
Delta R.T.: 0.019 min
Response: 5876872
Conc: 62.06 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.642 min
Delta R.T.: 0.023 min
Response: 5130694
Conc: 55.61 ug/ml

Instrument :

FID_C

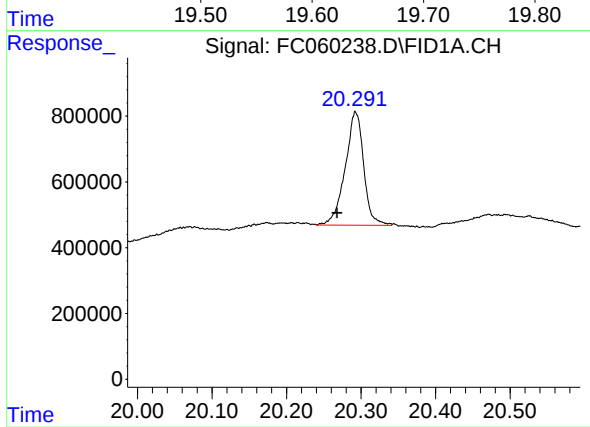
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#22 n-Tetracontane (C40)

R.T.: 20.291 min
Delta R.T.: 0.024 min
Response: 5947822
Conc: 63.22 ug/ml m