

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061822AL\
 Data File : FC060335.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jun 2022 00:55
 Operator : UA/NP
 Sample : PB145624BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB145624BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/20/2022
 Supervised By :Ankita Jodhani 06/20/2022

Integration File: autoint1.e
 Quant Time: Jun 20 01:01:31 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			
12) S 1-chlorooctadecane (S...	12.025	3180006	25.648 ug/ml
Spiked Amount 50.000		Recovery =	51.30%
Target Compounds			
1) T n-Nonane (C9)	2.620	2577243	20.137 ug/ml
2) T n-Decane (C10)	3.620	3268721	25.551 ug/mlm
4) T n-Dodecane (C12)	5.577	3845727	28.849 ug/ml
6) T n-Tetradecane (C14)	7.331	4103382	30.058 ug/ml
7) T n-Hexadecane (C16)	8.898	4565284	32.538 ug/ml
8) T n-Octadecane (C18)	10.309	4890888	34.176 ug/ml
10) T n-Eicosane (C20)	11.590	4666073	32.705 ug/ml
11) T n-Heneicosane (C21)	12.189	4610288	32.164 ug/ml
13) T n-Docosane (C22)	12.763	4497891	31.565 ug/ml
14) T n-Tetracosane (C24)	13.841	4313372	30.737 ug/ml
15) T n-Hexacosane (C26)	14.840	4151594	30.658 ug/ml
16) T n-Octacosane (C28)	15.769	3967720	30.466 ug/mlm
17) T n-Tricontane (C30)	16.638	3934675	32.139 ug/mlm
18) T n-Dotriacontane (C32)	17.454	3965442	35.566 ug/mlm
19) T n-Tetratriacontane (C34)	18.219	3724638	36.518 ug/ml
20) T n-Hexatriacontane (C36)	18.941	3553581	37.525 ug/mlm
21) T n-Octatriacontane (C38)	19.625	4022843	43.602 ug/mlm
22) T n-Tetracontane (C40)	20.275	3706363	39.393 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 15 Sample Multiplier: 1

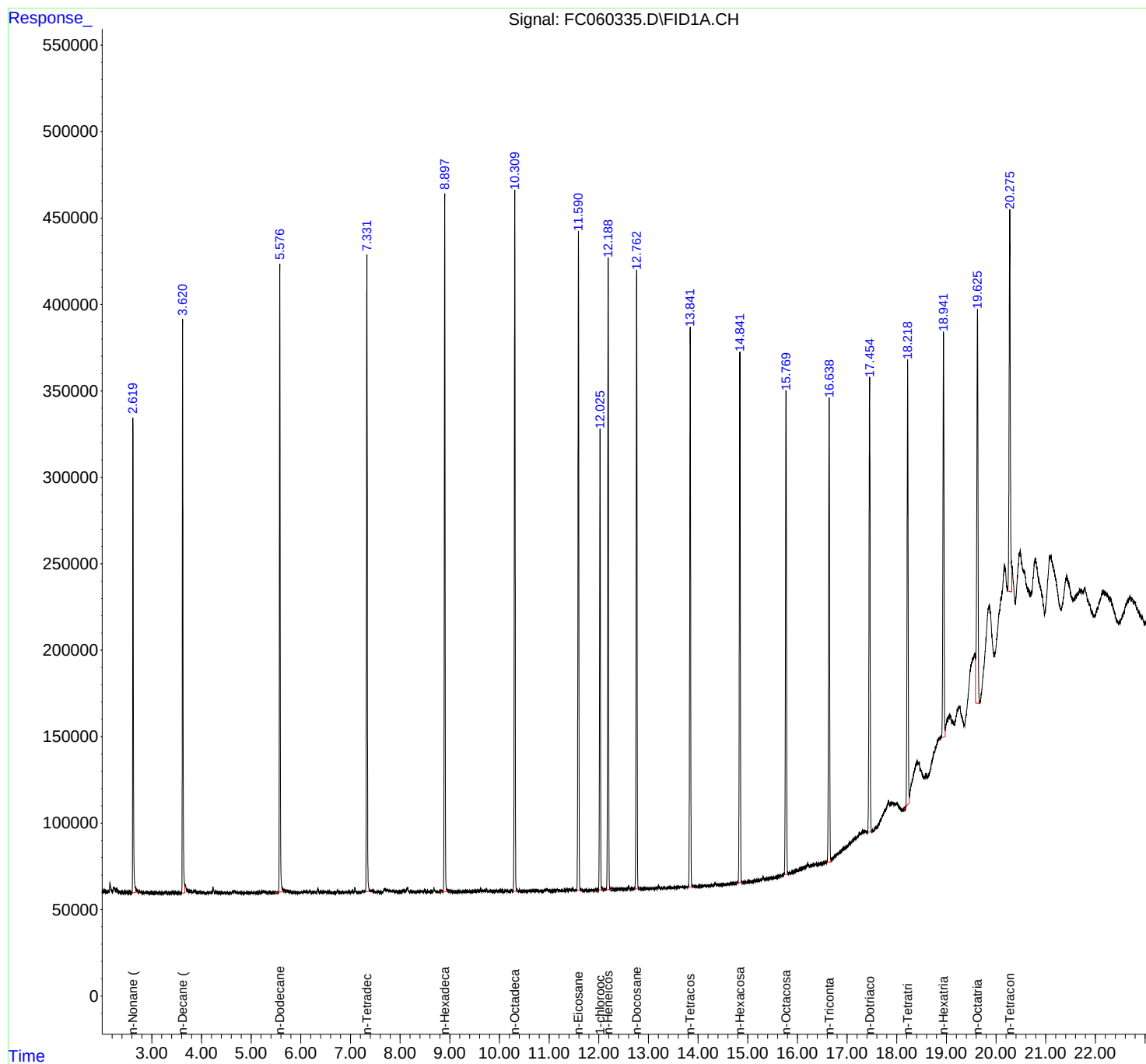
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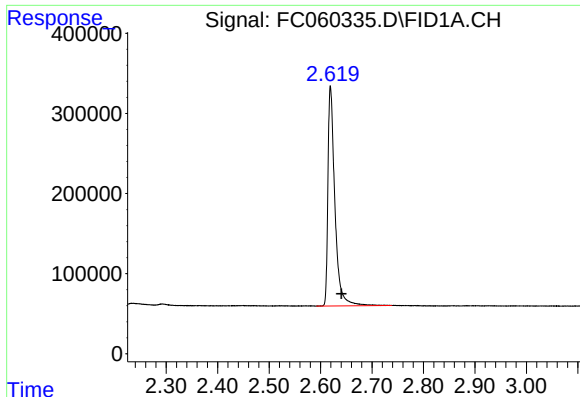
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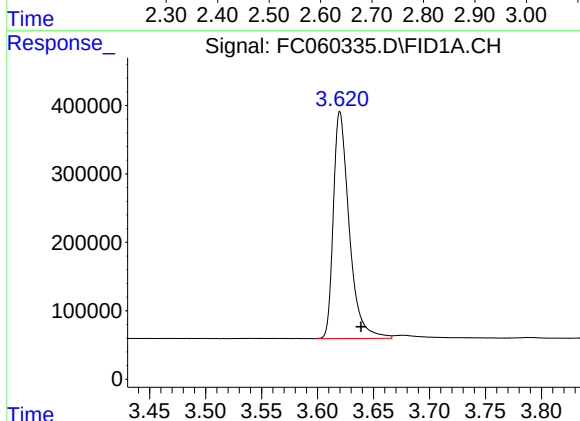
#1 n-Nonane (C9)

R.T.: 2.620 min
Delta R.T.: -0.021 min
Response: 2577243
Conc: 20.14 ug/ml

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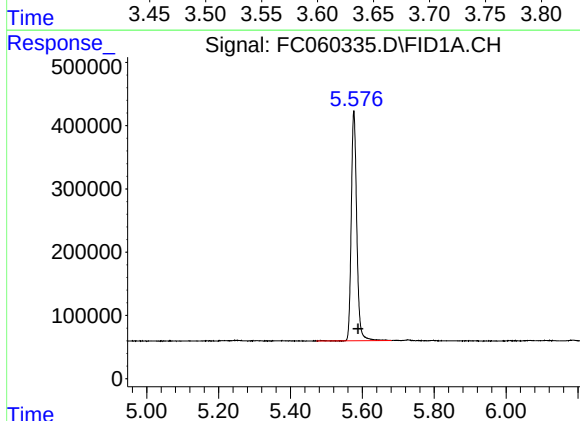
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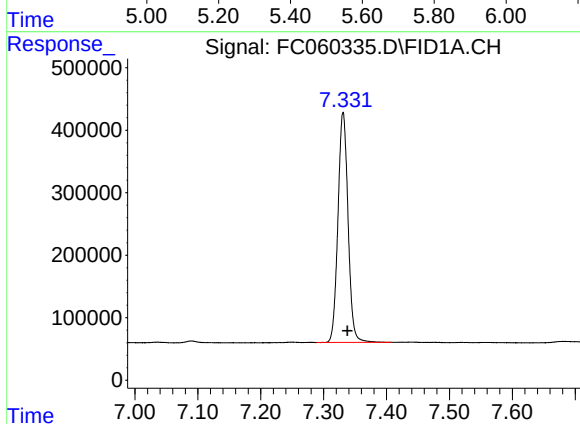
#2 n-Decane (C10)

R.T.: 3.620 min
Delta R.T.: -0.019 min
Response: 3268721
Conc: 25.55 ug/ml m



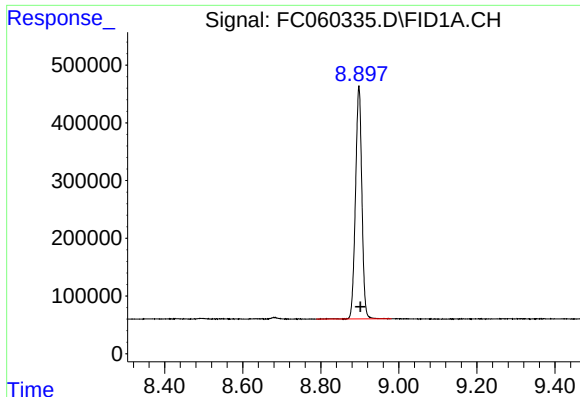
#4 n-Dodecane (C12)

R.T.: 5.577 min
Delta R.T.: -0.011 min
Response: 3845727
Conc: 28.85 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.331 min
Delta R.T.: -0.007 min
Response: 4103382
Conc: 30.06 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.898 min
Delta R.T.: -0.004 min
Response: 4565284
Conc: 32.54 ug/ml

Instrument :

FID_C

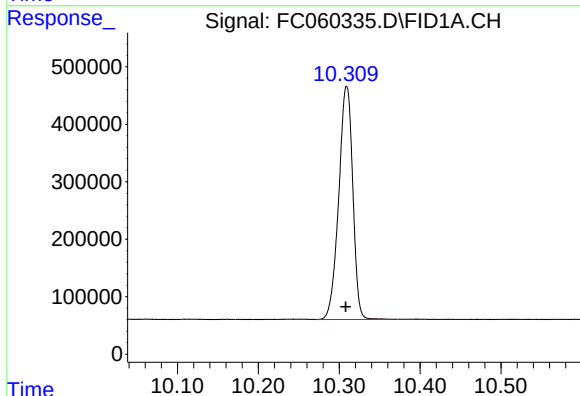
ClientSampleId :

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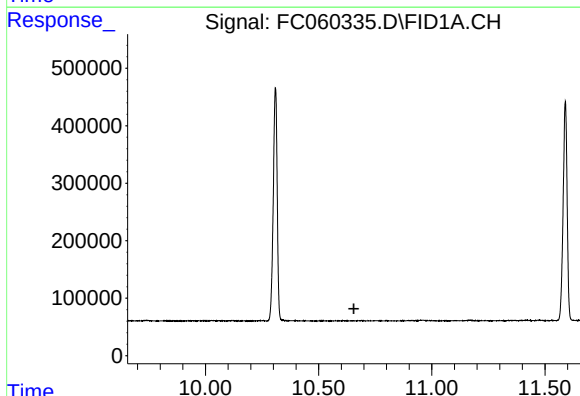
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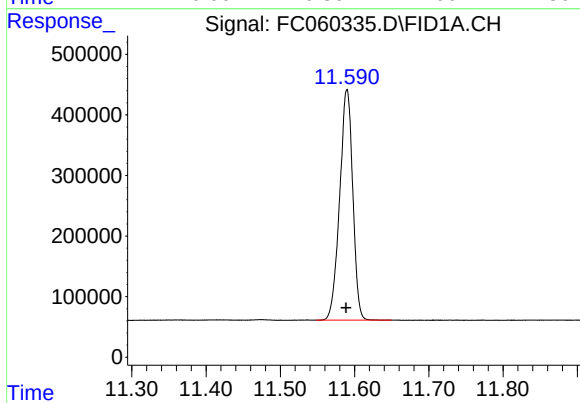
#8 n-Octadecane (C18)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 4890888
Conc: 34.18 ug/ml



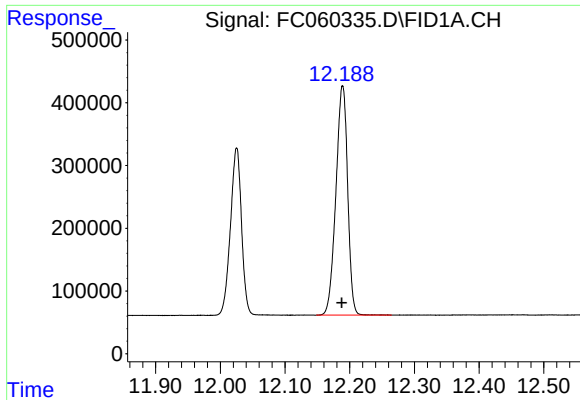
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.656 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.590 min
Delta R.T.: 0.000 min
Response: 4666073
Conc: 32.71 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.189 min
Delta R.T.: 0.001 min
Response: 4610288
Conc: 32.16 ug/ml

Instrument :

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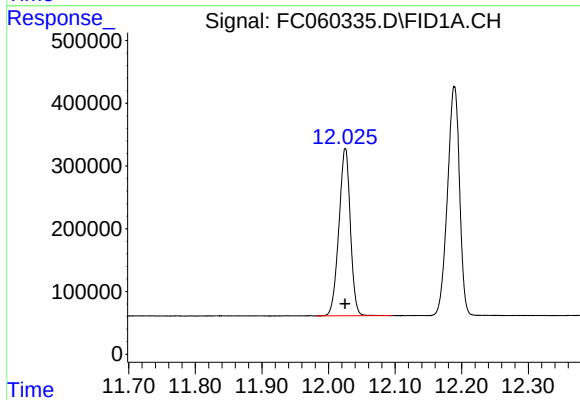
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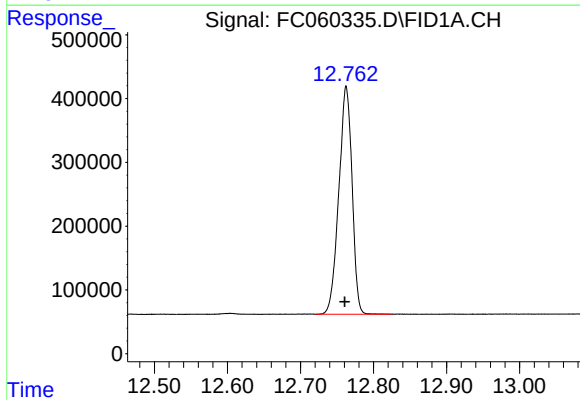
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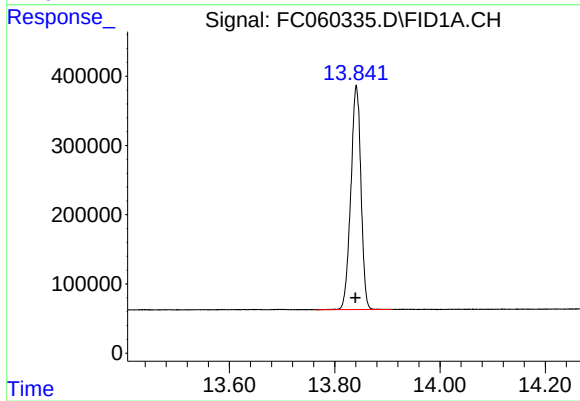
#12 1-chlorooctadecane (SURR)

R.T.: 12.025 min
Delta R.T.: 0.000 min
Response: 3180006
Conc: 25.65 ug/ml



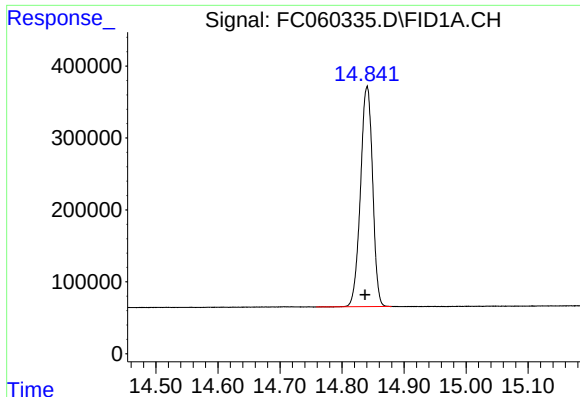
#13 n-Docosane (C22)

R.T.: 12.763 min
Delta R.T.: 0.002 min
Response: 4497891
Conc: 31.56 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.841 min
Delta R.T.: 0.002 min
Response: 4313372
Conc: 30.74 ug/ml



#15 n-Hexacosane (C26)

R.T.: 14.840 min
Delta R.T.: 0.003 min
Response: 4151594
Conc: 30.66 ug/ml

Instrument :

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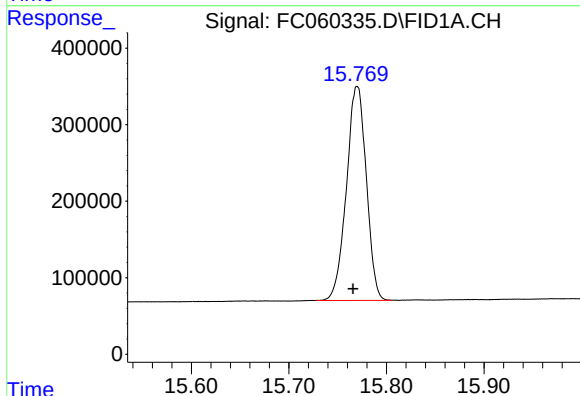
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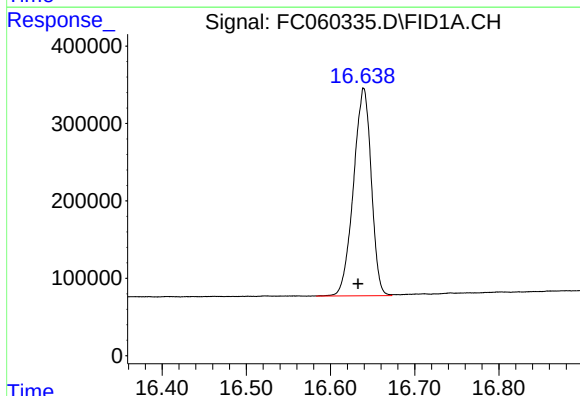
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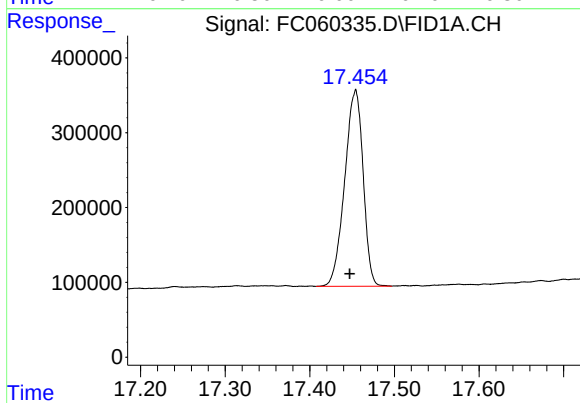
#16 n-Octacosane (C28)

R.T.: 15.769 min
Delta R.T.: 0.003 min
Response: 3967720
Conc: 30.47 ug/ml m



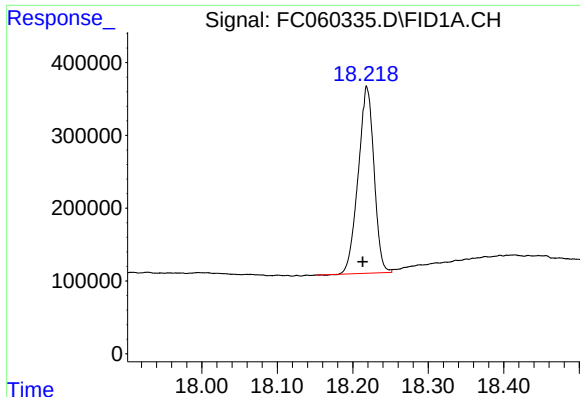
#17 n-Tricontane (C30)

R.T.: 16.638 min
Delta R.T.: 0.005 min
Response: 3934675
Conc: 32.14 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.454 min
Delta R.T.: 0.007 min
Response: 3965442
Conc: 35.57 ug/ml m



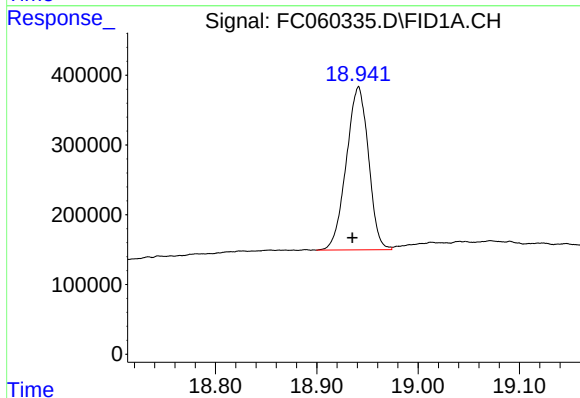
#19 n-Tetratriacontane (C34)

R.T.: 18.219 min
Delta R.T.: 0.006 min
Response: 3724638
Conc: 36.52 ug/ml

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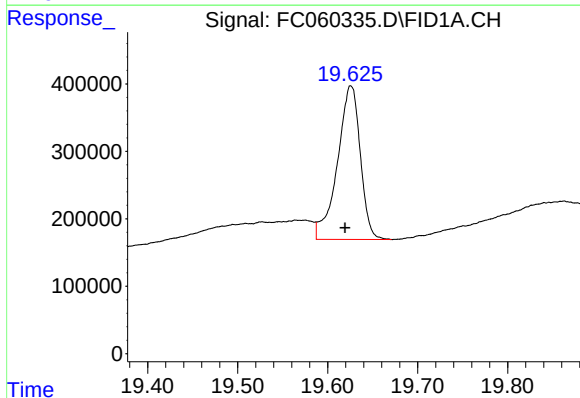
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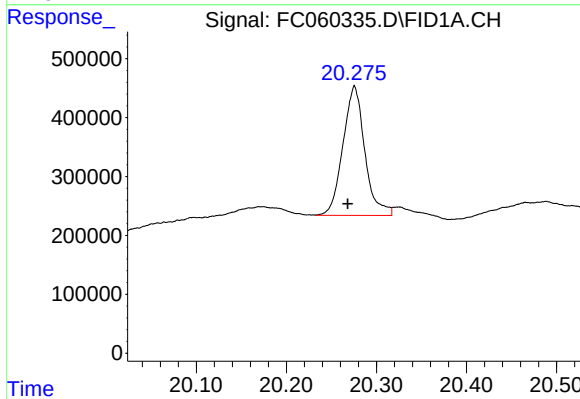
#20 n-Hexatriacontane (C36)

R.T.: 18.941 min
Delta R.T.: 0.006 min
Response: 3553581
Conc: 37.53 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.625 min
Delta R.T.: 0.006 min
Response: 4022843
Conc: 43.60 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.275 min
Delta R.T.: 0.007 min
Response: 3706363
Conc: 39.39 ug/ml m