

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072822AL\
 Data File : FC060878.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jul 2022 15:41
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2022
 Supervised By :Ankita Jodhani 07/29/2022

Integration File: autoint1.e
 Quant Time: Jul 28 22:50:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 19:40:54 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.634	3292561	20.063 ug/ml
Spiked Amount 50.000		Recovery =	40.13%
12) S 1-chlorooctadecane (S...	12.000	2631695	19.824 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
Target Compounds			
1) T n-Nonane (C9)	2.616	2991968	21.244 ug/ml
2) T n-Decane (C10)	3.615	3042625	21.569 ug/ml
3) T A~Naphthalene (C11.7)	5.158	3158992	22.224 ug/ml
4) T n-Dodecane (C12)	5.566	3183897	21.482 ug/ml
5) T A~2-methylnaphthalene...	6.182	3069820	22.383 ug/ml
6) T n-Tetradecane (C14)	7.316	3206371	21.357 ug/ml
7) T n-Hexadecane (C16)	8.878	3230588	21.110 ug/ml
8) T n-Octadecane (C18)	10.286	3228158	20.673 ug/ml
10) T n-Eicosane (C20)	11.563	3164786	20.167 ug/ml
11) T n-Heneicosane (C21)	12.161	3124242	19.967 ug/ml
13) T n-Docosane (C22)	12.734	3073787	19.714 ug/ml
14) T n-Tetracosane (C24)	13.810	2930441	19.195 ug/ml
15) T n-Hexacosane (C26)	14.807	2795521	18.728 ug/ml
16) T n-Octacosane (C28)	15.734	2674379	18.664 ug/ml
17) T n-Tricontane (C30)	16.600	2696113	19.258 ug/ml
18) T n-Dotriacontane (C32)	17.412	2701798	20.019 ug/ml
19) T n-Tetratriacontane (C34)	18.177	2585422	20.614 ug/ml
20) T n-Hexatriacontane (C36)	18.897	2610208	21.354 ug/mlm
21) T n-Octatriacontane (C38)	19.578	2529799	21.435 ug/mlm
22) T n-Tetracontane (C40)	20.227	2647678	23.004 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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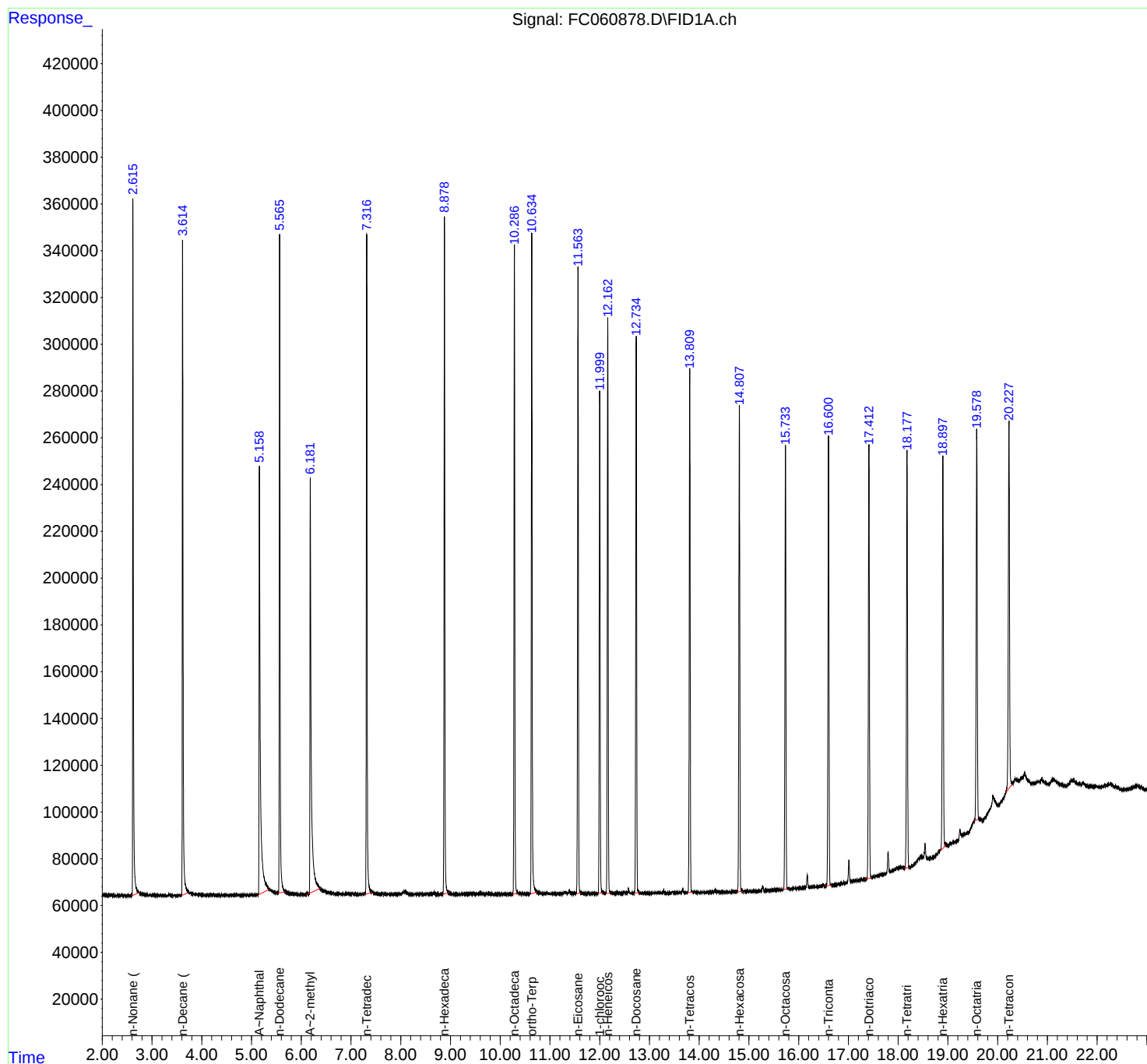
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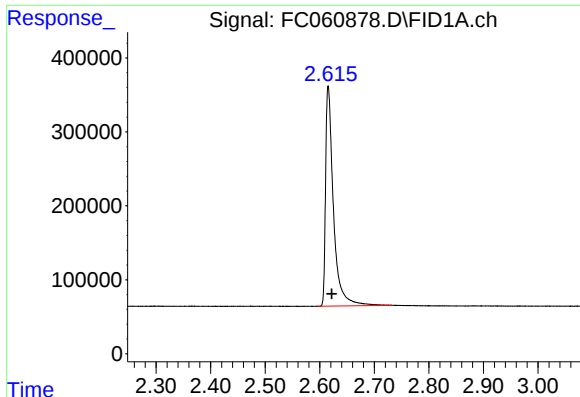
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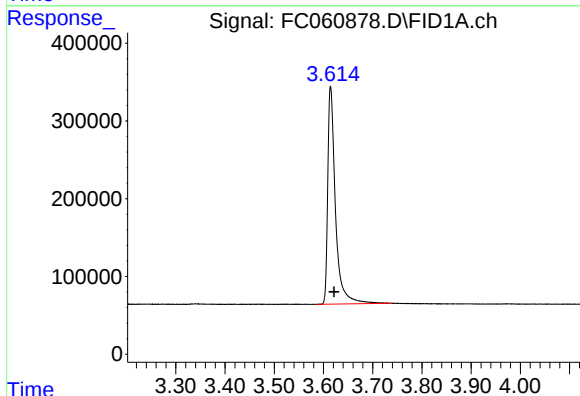
#1 n-Nonane (C9)

R.T.: 2.616 min
Delta R.T.: -0.006 min
Response: 2991968
Conc: 21.24 ug/ml

Instrument :
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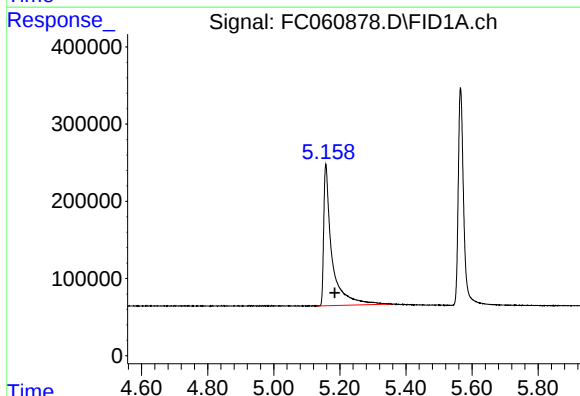
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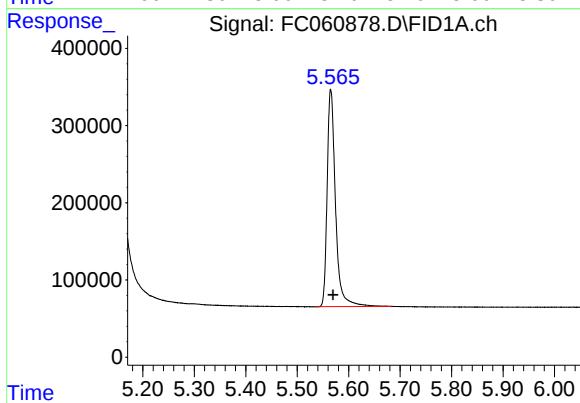
#2 n-Decane (C10)

R.T.: 3.615 min
Delta R.T.: -0.006 min
Response: 3042625
Conc: 21.57 ug/ml



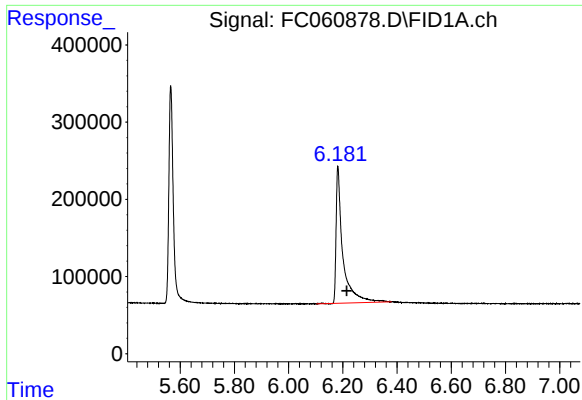
#3 A~Naphthalene (C11.7)

R.T.: 5.158 min
Delta R.T.: -0.026 min
Response: 3158992
Conc: 22.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.566 min
Delta R.T.: -0.004 min
Response: 3183897
Conc: 21.48 ug/ml



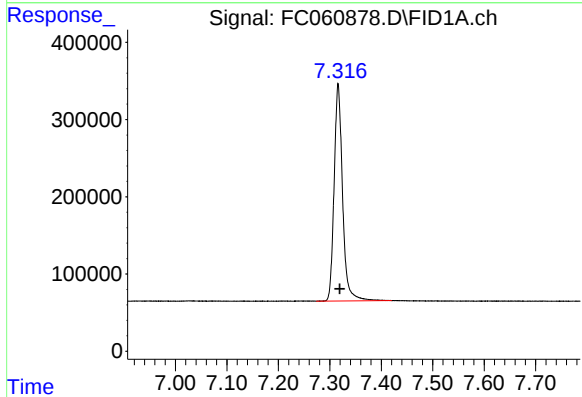
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.182 min
Delta R.T.: -0.032 min
Response: 3069820
Conc: 22.38 ug/ml

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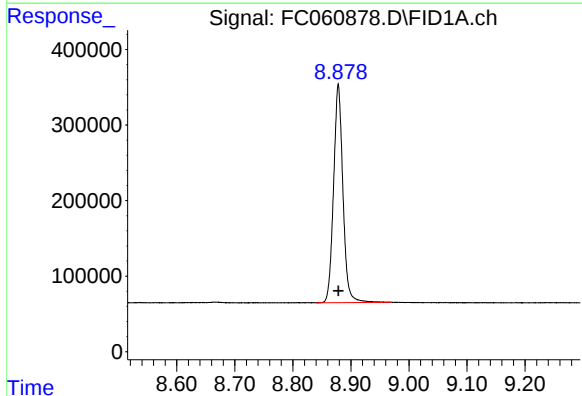
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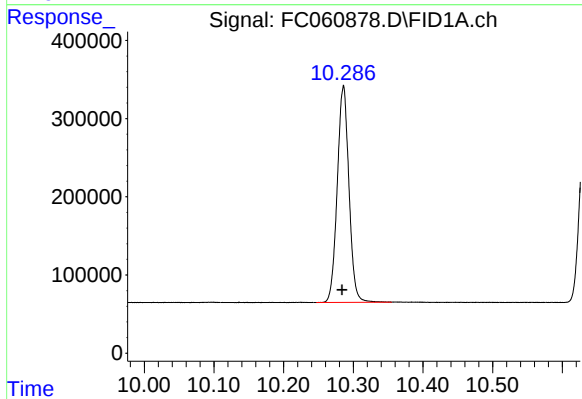
#6 n-Tetradecane (C14)

R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 3206371
Conc: 21.36 ug/ml



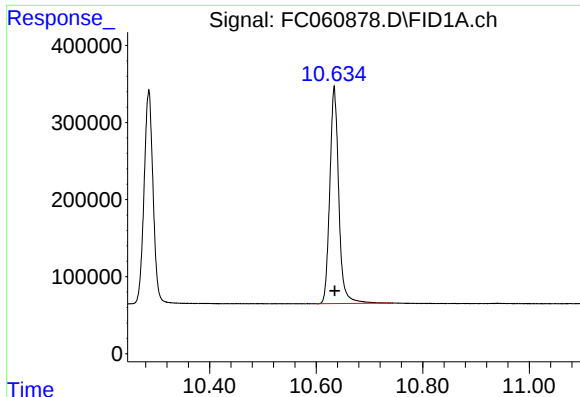
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 3230588
Conc: 21.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.286 min
Delta R.T.: 0.002 min
Response: 3228158
Conc: 20.67 ug/ml



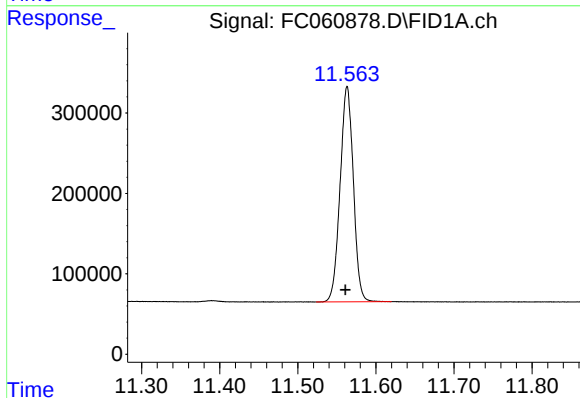
#9 ortho-Terphenyl (SURR)

R.T.: 10.634 min
Delta R.T.: 0.000 min
Response: 3292561
Conc: 20.06 ug/ml

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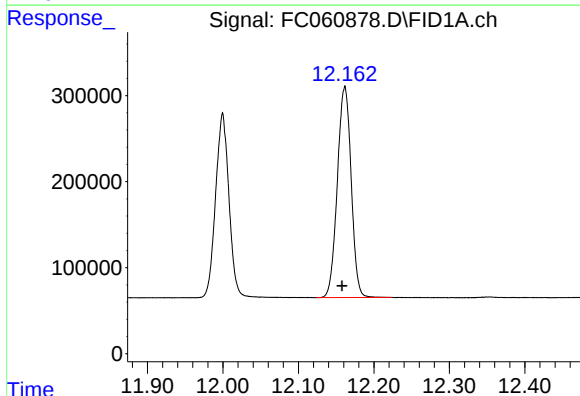
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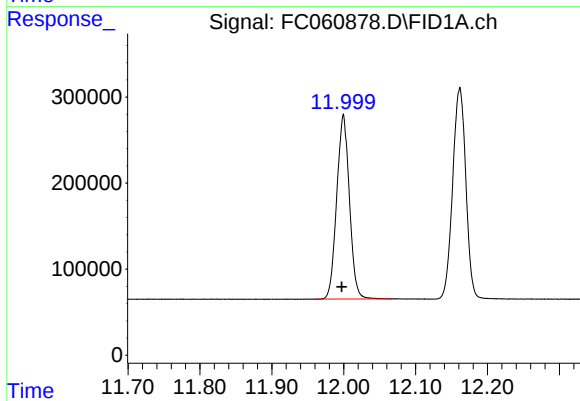
#10 n-Eicosane (C20)

R.T.: 11.563 min
Delta R.T.: 0.002 min
Response: 3164786
Conc: 20.17 ug/ml



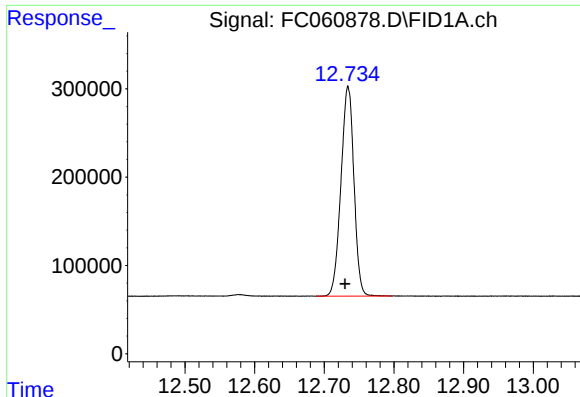
#11 n-Heneicosane (C21)

R.T.: 12.161 min
Delta R.T.: 0.003 min
Response: 3124242
Conc: 19.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.000 min
Delta R.T.: 0.002 min
Response: 2631695
Conc: 19.82 ug/ml



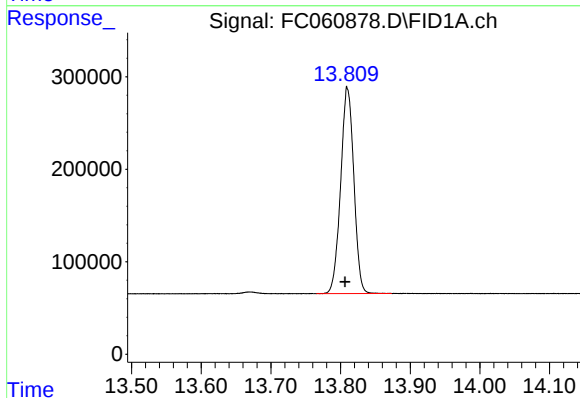
#13 n-Docosane (C22)

R.T.: 12.734 min
Delta R.T.: 0.004 min
Response: 3073787
Conc: 19.71 ug/ml

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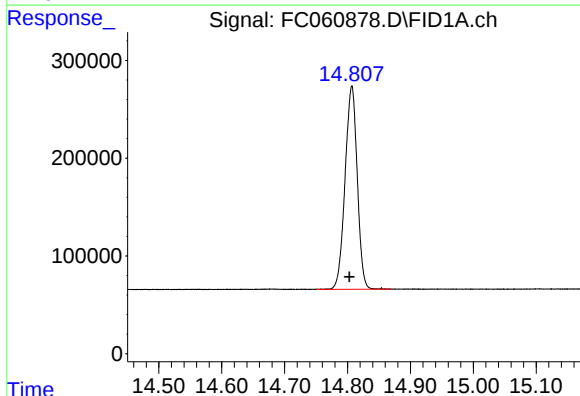
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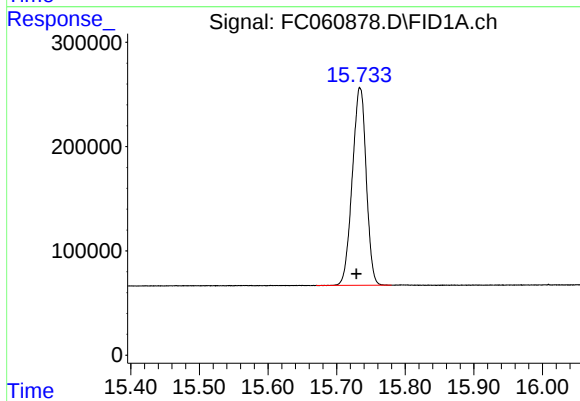
#14 n-Tetracosane (C24)

R.T.: 13.810 min
Delta R.T.: 0.004 min
Response: 2930441
Conc: 19.19 ug/ml



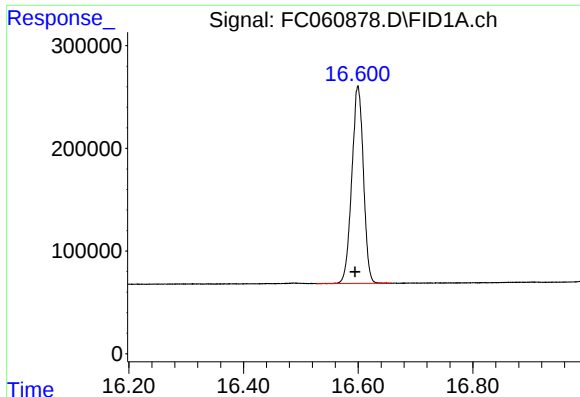
#15 n-Hexacosane (C26)

R.T.: 14.807 min
Delta R.T.: 0.004 min
Response: 2795521
Conc: 18.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.734 min
Delta R.T.: 0.006 min
Response: 2674379
Conc: 18.66 ug/ml



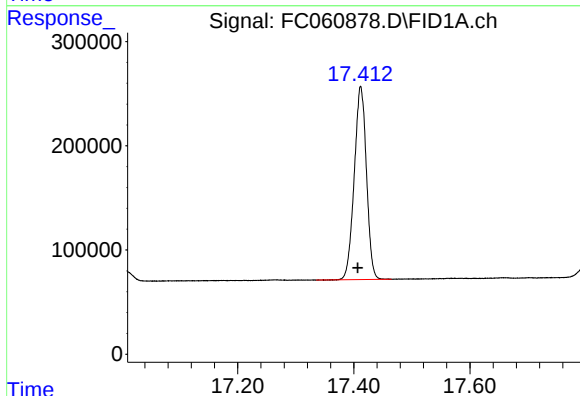
#17 n-Tricontane (C30)

R.T.: 16.600 min
Delta R.T.: 0.005 min
Response: 2696113
Conc: 19.26 ug/ml

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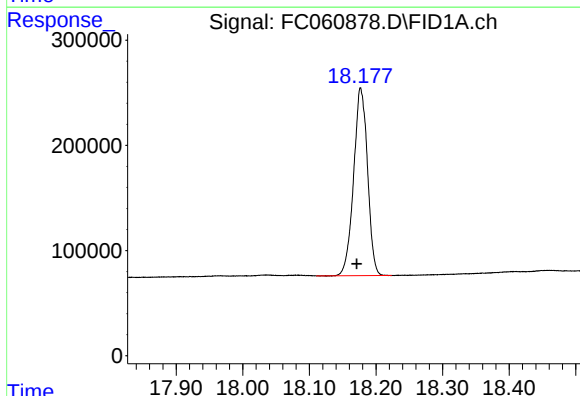
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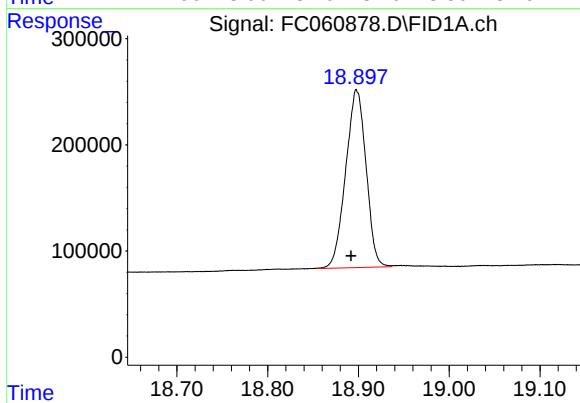
#18 n-Dotriacontane (C32)

R.T.: 17.412 min
Delta R.T.: 0.005 min
Response: 2701798
Conc: 20.02 ug/ml



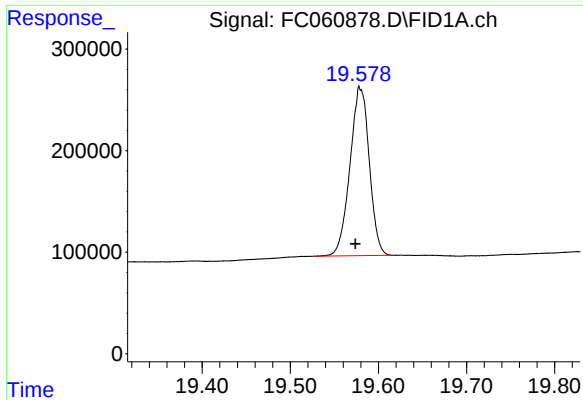
#19 n-Tetratriacontane (C34)

R.T.: 18.177 min
Delta R.T.: 0.006 min
Response: 2585422
Conc: 20.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 18.897 min
Delta R.T.: 0.005 min
Response: 2610208
Conc: 21.35 ug/ml m



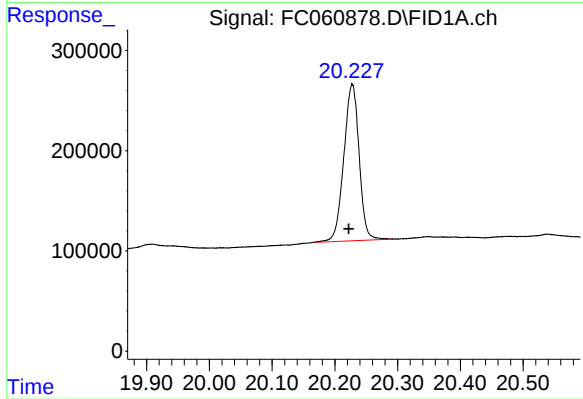
#21 n-Octatriacontane (C38)

R.T.: 19.578 min
Delta R.T.: 0.004 min
Response: 2529799
Conc: 21.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.227 min
Delta R.T.: 0.005 min
Response: 2647678
Conc: 23.00 ug/ml m