

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081622AL\
 Data File : FC061145.D
 Signal(s) : FID1A.ch
 Acq On : 16 Aug 2022 18:38
 Operator : YP/AJ
 Sample : PB147060BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB147060BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/17/2022
 Supervised By :Ankita Jodhani 08/17/2022

Integration File: autoint1.e
 Quant Time: Aug 17 05:09:15 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			
12) S 1-chlorooctadecane (S...	11.995	4333610	32.644 ug/ml
Spiked Amount 50.000		Recovery =	65.29%
Target Compounds			
1) T n-Nonane (C9)	2.634	2666992	18.936 ug/ml
2) T n-Decane (C10)	3.626	3379369	23.956 ug/ml
4) T n-Dodecane (C12)	5.570	4244824	28.640 ug/ml
6) T n-Tetradecane (C14)	7.316	4883610	32.528 ug/ml
7) T n-Hexadecane (C16)	8.876	5397079	35.267 ug/ml
8) T n-Octadecane (C18)	10.282	5923706	37.935 ug/ml
10) T n-Eicosane (C20)	11.559	5824487	37.115 ug/ml
11) T n-Heneicosane (C21)	12.156	5765970	36.850 ug/ml
13) T n-Docosane (C22)	12.728	5654001	36.263 ug/ml
14) T n-Tetracosane (C24)	13.804	5443855	35.658 ug/ml
15) T n-Hexacosane (C26)	14.798	5174189	34.663 ug/ml
16) T n-Octacosane (C28)	15.724	4965934	34.656 ug/ml
17) T n-Tricontane (C30)	16.589	4851698	34.654 ug/ml
18) T n-Dotriacontane (C32)	17.401	4815746	35.682 ug/ml
19) T n-Tetratriacontane (C34)	18.164	4756428	37.924 ug/ml
20) T n-Hexatriacontane (C36)	18.886	4734023	38.729 ug/ml
21) T n-Octatriacontane (C38)	19.566	4639690	39.311 ug/ml
22) T n-Tetracontane (C40)	20.211	4545846	39.496 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 10 Sample Multiplier: 1

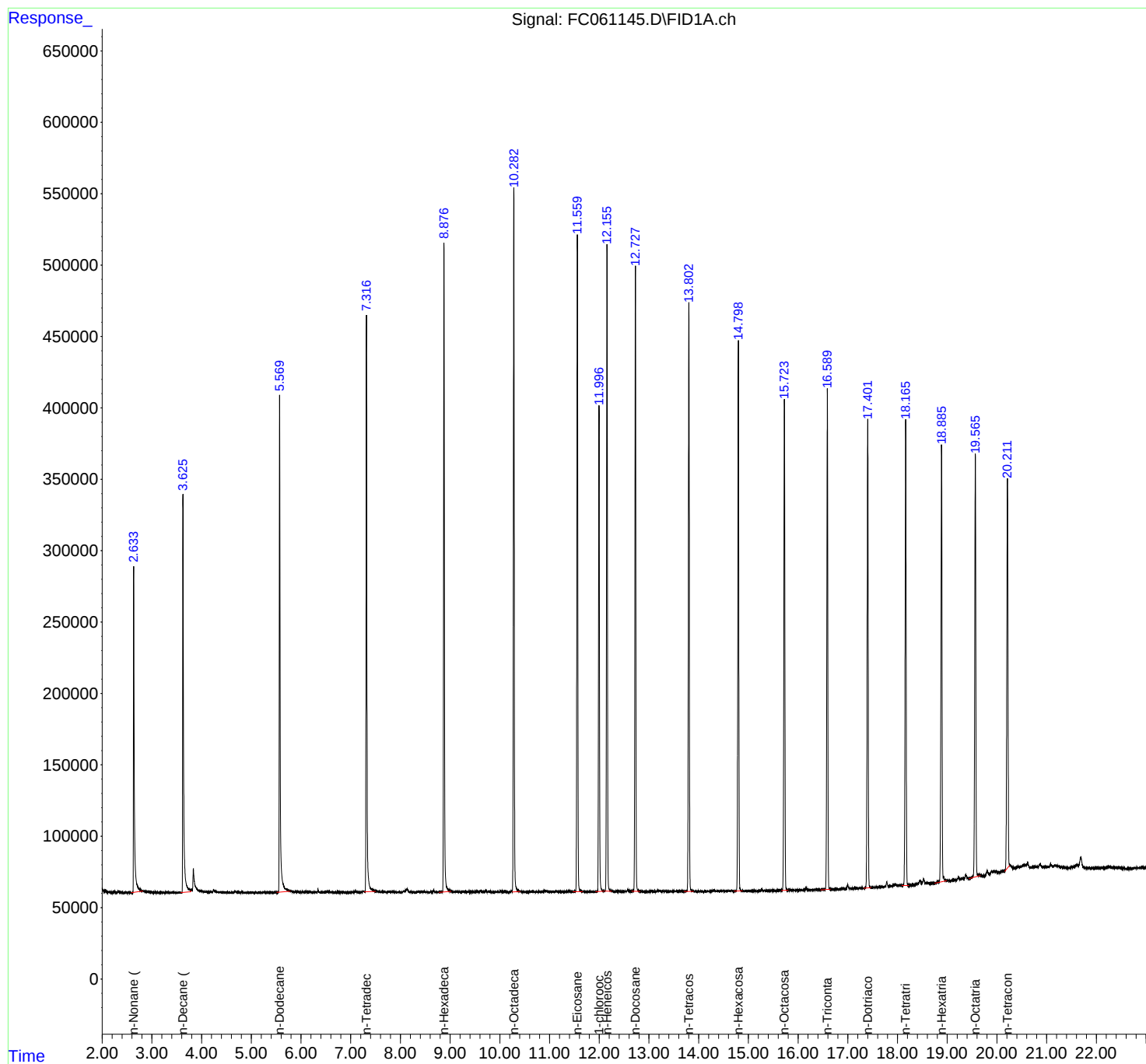
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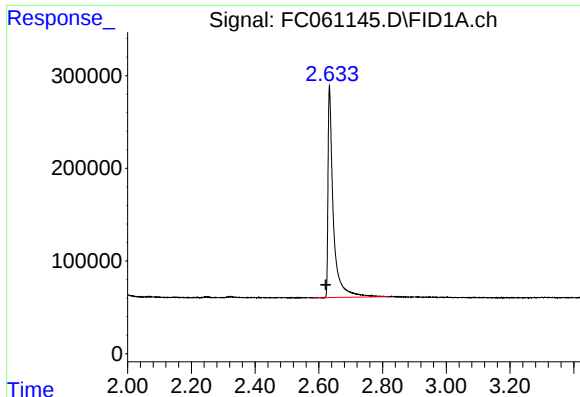
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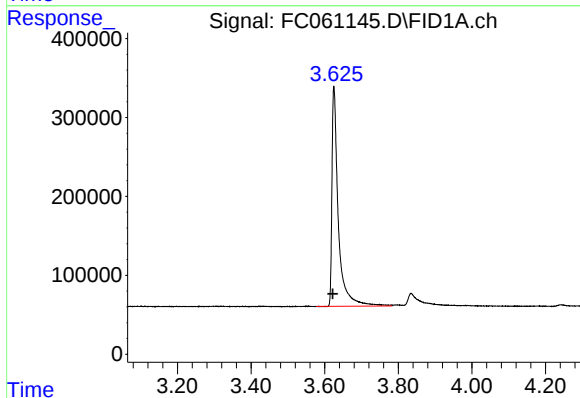
#1 n-Nonane (C9)

R.T.: 2.634 min
Delta R.T.: 0.012 min
Response: 2666992
Conc: 18.94 ug/ml

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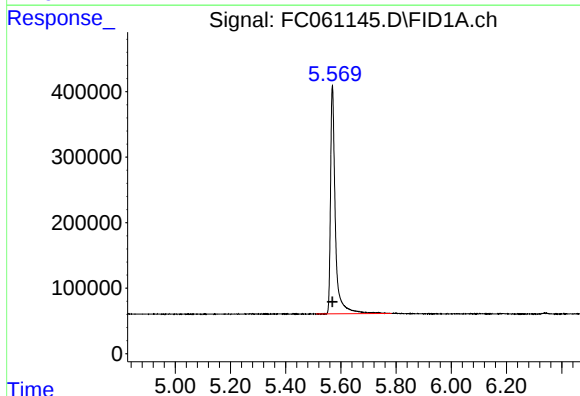
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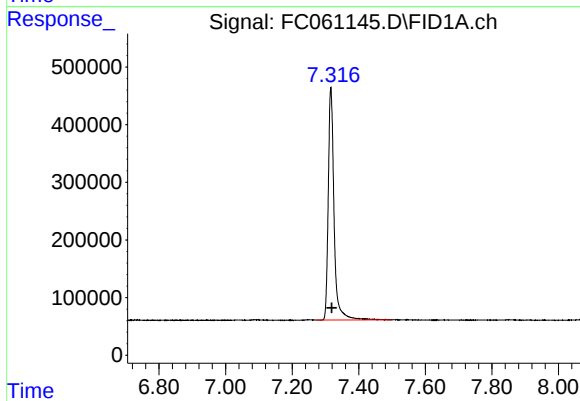
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: 0.004 min
Response: 3379369
Conc: 23.96 ug/ml



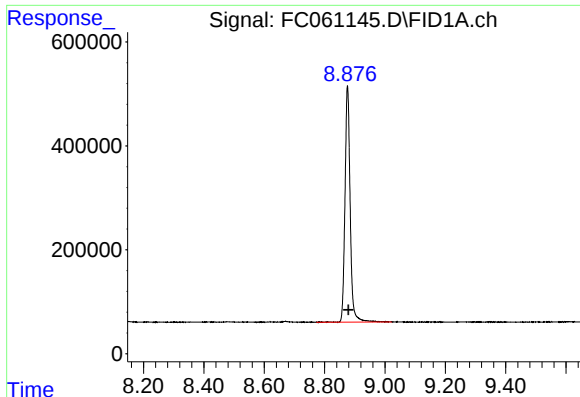
#4 n-Dodecane (C12)

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 4244824
Conc: 28.64 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.316 min
Delta R.T.: -0.003 min
Response: 4883610
Conc: 32.53 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.876 min
Delta R.T.: -0.002 min
Response: 5397079
Conc: 35.27 ug/ml

Instrument :

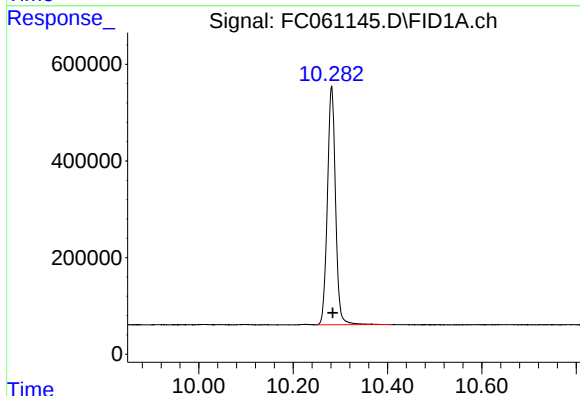
FID_C

ClientSampleId :

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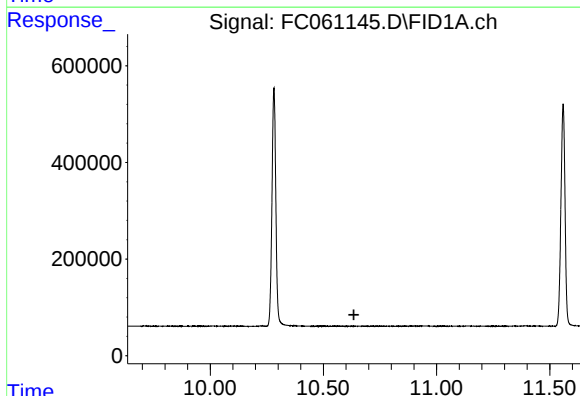
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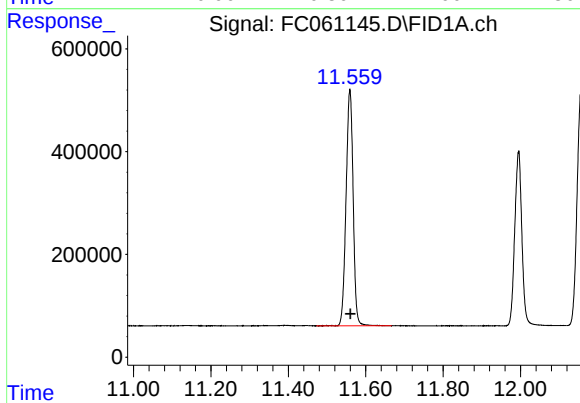
#8 n-Octadecane (C18)

R.T.: 10.282 min
Delta R.T.: -0.002 min
Response: 5923706
Conc: 37.94 ug/ml



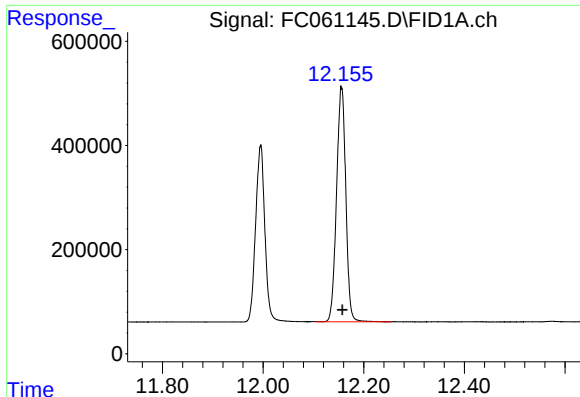
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.635 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.559 min
Delta R.T.: -0.002 min
Response: 5824487
Conc: 37.11 ug/ml



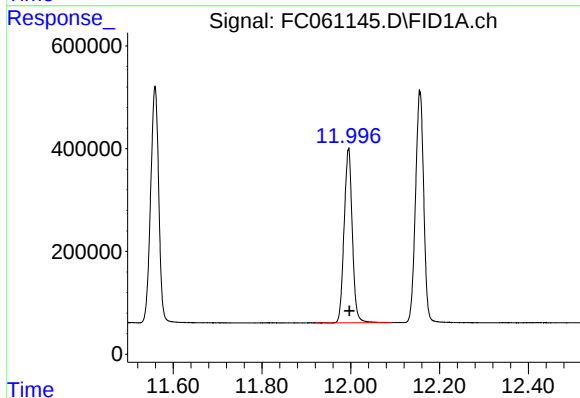
#11 n-Heneicosane (C21)

R.T.: 12.156 min
Delta R.T.: -0.002 min
Response: 5765970
Conc: 36.85 ug/ml

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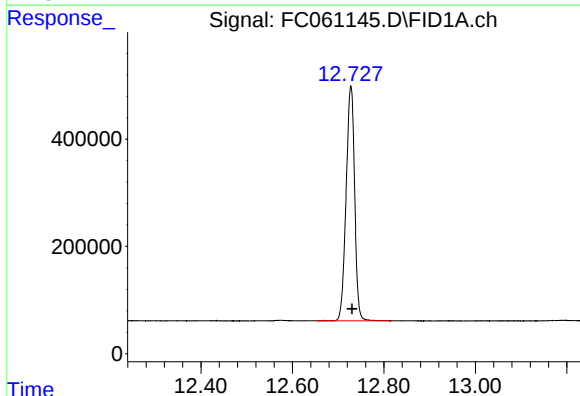
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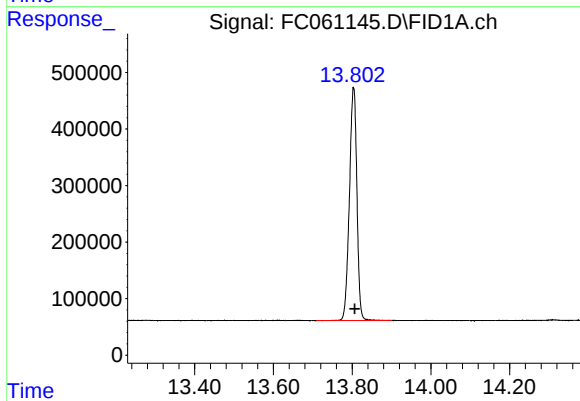
#12 1-chlorooctadecane (SURR)

R.T.: 11.995 min
Delta R.T.: -0.003 min
Response: 4333610
Conc: 32.64 ug/ml



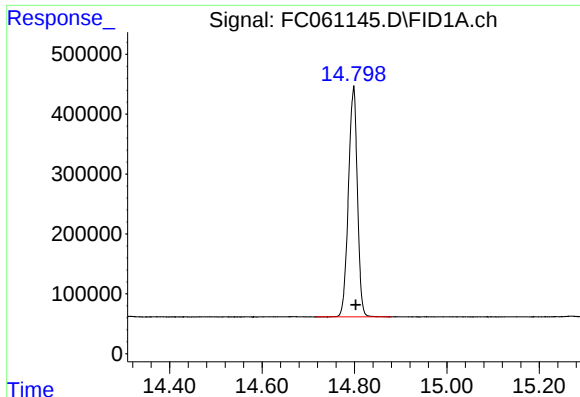
#13 n-Docosane (C22)

R.T.: 12.728 min
Delta R.T.: -0.002 min
Response: 5654001
Conc: 36.26 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.804 min
Delta R.T.: -0.003 min
Response: 5443855
Conc: 35.66 ug/ml



#15 n-Hexacosane (C26)

R.T.: 14.798 min
Delta R.T.: -0.005 min
Response: 5174189
Conc: 34.66 ug/ml

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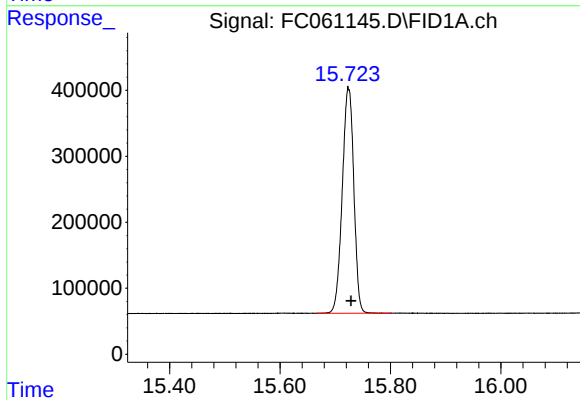
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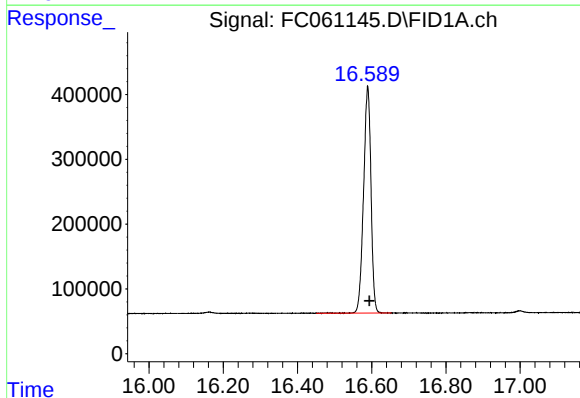
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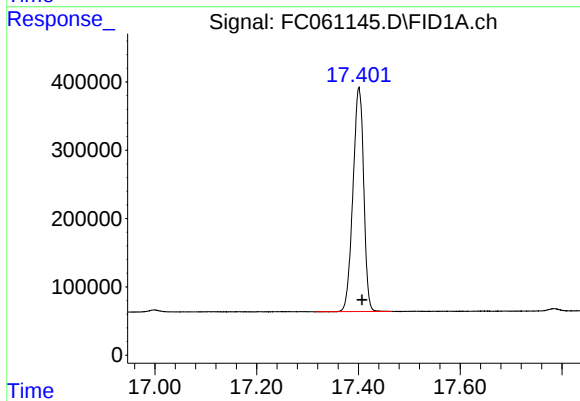
#16 n-Octacosane (C28)

R.T.: 15.724 min
Delta R.T.: -0.005 min
Response: 4965934
Conc: 34.66 ug/ml



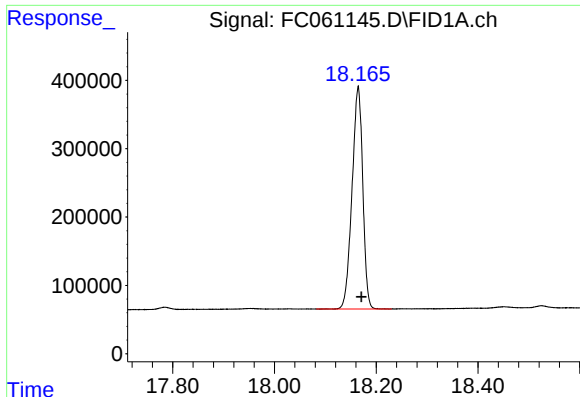
#17 n-Tricontane (C30)

R.T.: 16.589 min
Delta R.T.: -0.005 min
Response: 4851698
Conc: 34.65 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.401 min
Delta R.T.: -0.006 min
Response: 4815746
Conc: 35.68 ug/ml



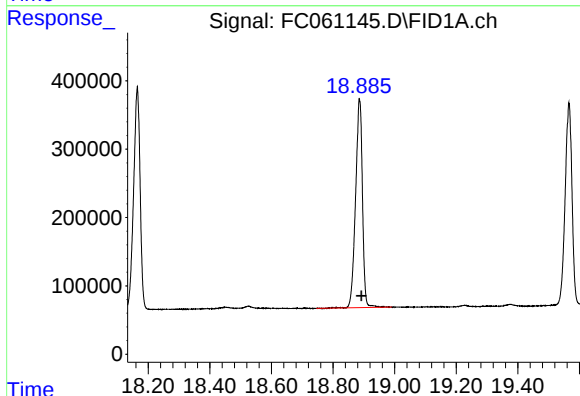
#19 n-Tetratriacontane (C34)

R.T.: 18.164 min
Delta R.T.: -0.006 min
Response: 4756428
Conc: 37.92 ug/ml

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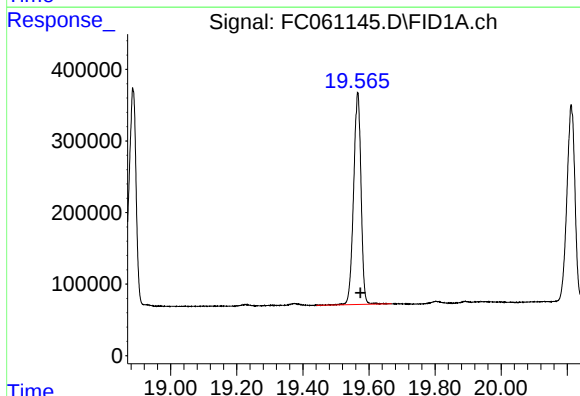
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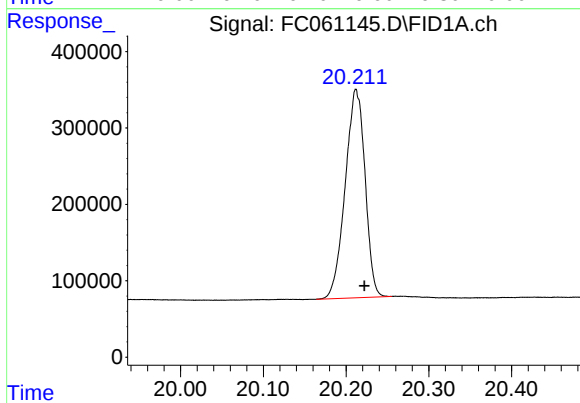
#20 n-Hexatriacontane (C36)

R.T.: 18.886 min
Delta R.T.: -0.006 min
Response: 4734023
Conc: 38.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.566 min
Delta R.T.: -0.008 min
Response: 4639690
Conc: 39.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.211 min
Delta R.T.: -0.011 min
Response: 4545846
Conc: 39.50 ug/ml m