

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063022AL\
 Data File : FC060539.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2022 23:05
 Operator : YP/AJ
 Sample : N3214-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-SOIL-03-QT2-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2022
 Supervised By :Ankita Jodhani 07/01/2022

Integration File: autoint1.e
 Quant Time: Jul 01 05:06:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:15:44 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...	12.000	4810080	32.634 ug/ml
Spiked Amount 50.000		Recovery =	65.27%
Target Compounds			
1) T n-Nonane (C9)	2.655	75263	0.491 ug/mlm
2) T n-Decane (C10)	3.649	88263	0.578 ug/mlm
4) T n-Dodecane (C12)	5.584	211495	1.309 ug/mlm
6) T n-Tetradecane (C14)	7.332	165307	1.001 ug/ml
7) T n-Hexadecane (C16)	8.887	154592	0.915 ug/mlm
8) T n-Octadecane (C18)	10.292	177235	1.030 ug/ml
10) T n-Eicosane (C20)	11.567	184806	1.083 ug/mlm
11) T n-Heneicosane (C21)	12.164	191183	1.121 ug/ml
13) T n-Docosane (C22)	12.733	183818	1.078 ug/mlm
14) T n-Tetracosane (C24)	13.809	187007	1.114 ug/ml
15) T n-Hexacosane (C26)	14.805	190061	1.157 ug/ml
16) T n-Octacosane (C28)	15.730	172181	1.085 ug/ml
17) T n-Tricontane (C30)	16.594	172774	1.135 ug/ml
18) T n-Dotriacontane (C32)	17.405	172956	1.190 ug/ml
19) T n-Tetratriacontane (C34)	18.170	155435	1.224 ug/ml
20) T n-Hexatriacontane (C36)	18.890	144480	1.287 ug/ml
21) T n-Octatriacontane (C38)	19.571	141237	1.290 ug/mlm
22) T n-Tetracontane (C40)	20.219	140600	1.245 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 30 Jun 2022 23:05
Operator : YP/AJ
Sample : N3214-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

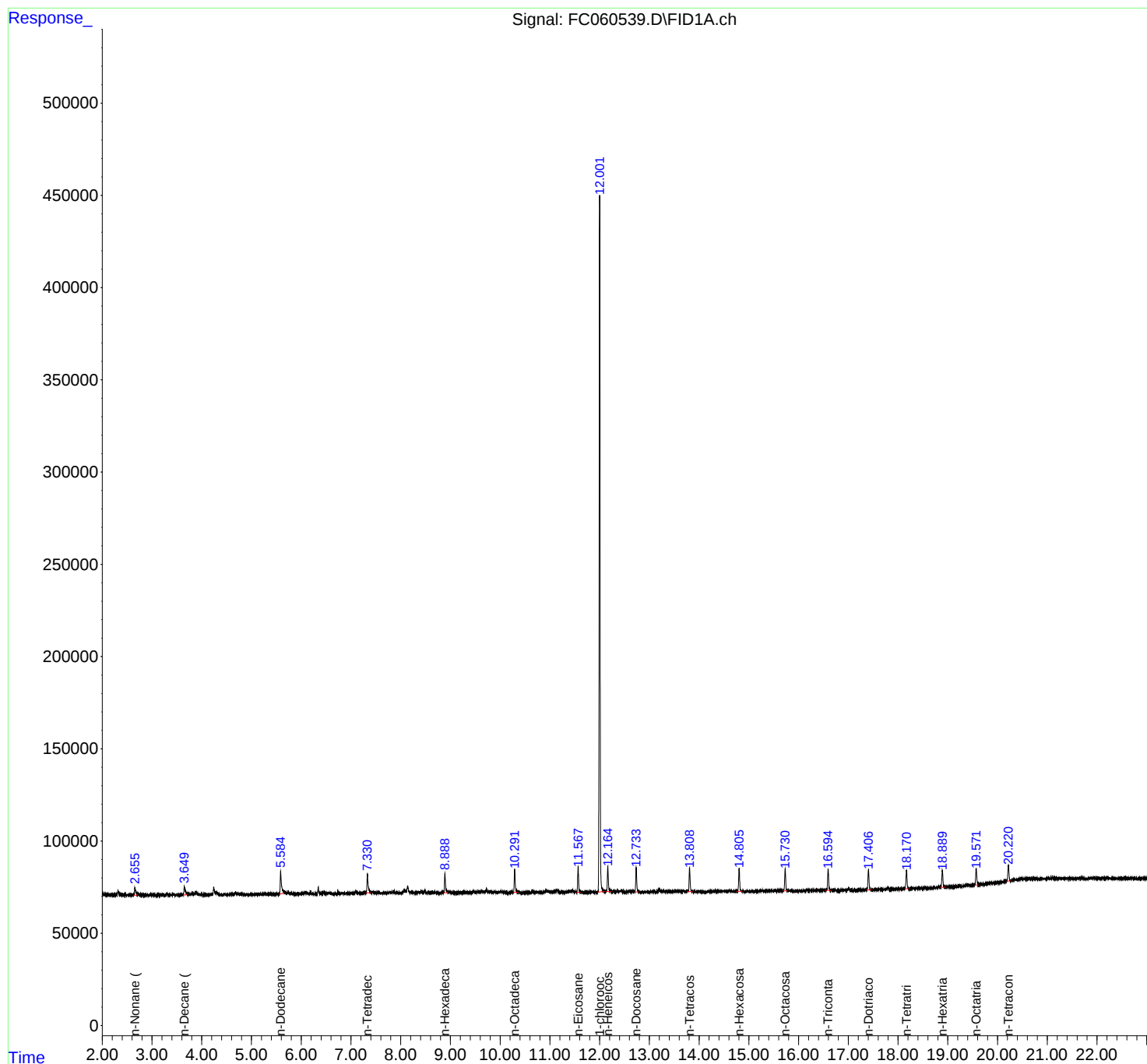
Instrument :
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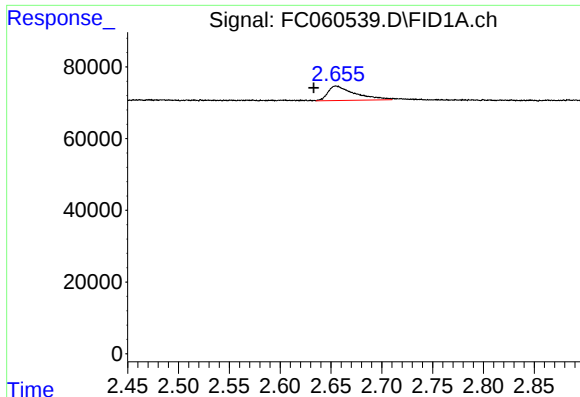
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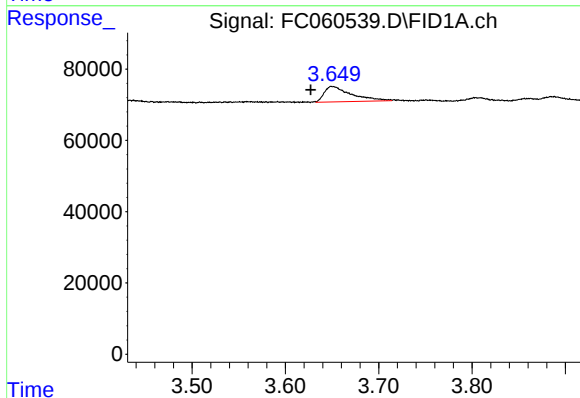
#1 n-Nonane (C9)

R.T.: 2.655 min
Delta R.T.: 0.022 min
Response: 75263
Conc: 0.49 ug/ml

Instrument :
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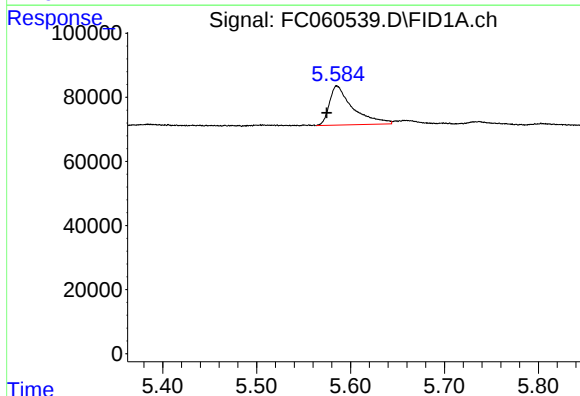
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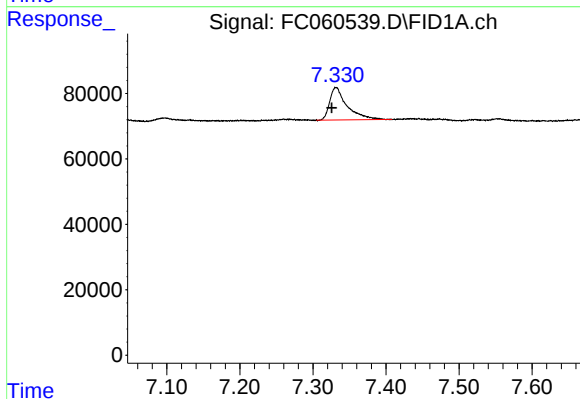
#2 n-Decane (C10)

R.T.: 3.649 min
Delta R.T.: 0.022 min
Response: 88263
Conc: 0.58 ug/ml m



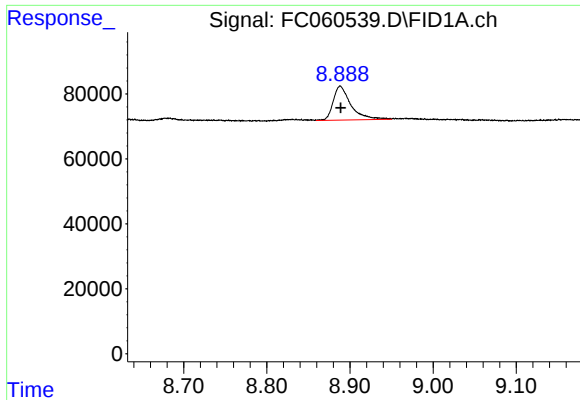
#4 n-Dodecane (C12)

R.T.: 5.584 min
Delta R.T.: 0.009 min
Response: 211495
Conc: 1.31 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: 0.006 min
Response: 165307
Conc: 1.00 ug/ml



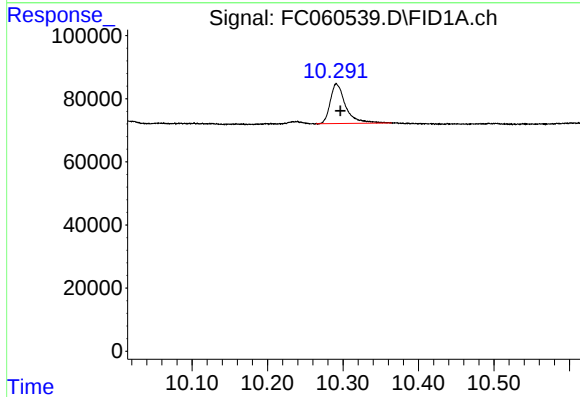
#7 n-Hexadecane (C16)

R.T.: 8.887 min
Delta R.T.: -0.001 min
Response: 154592
Conc: 0.91 ug/ml

Instrument :
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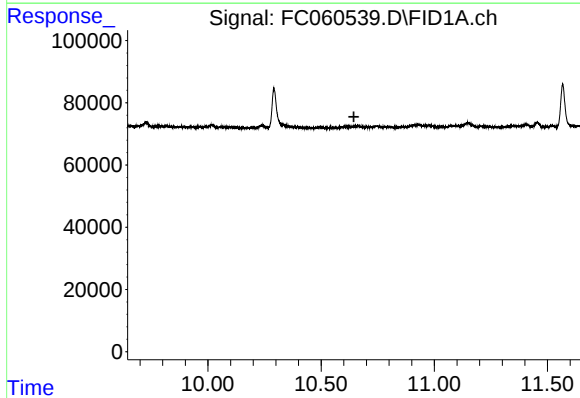
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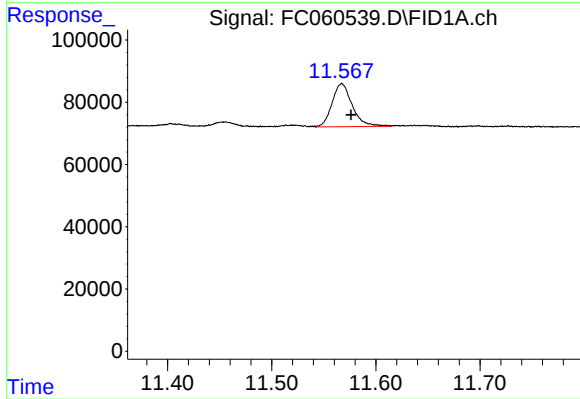
#8 n-Octadecane (C18)

R.T.: 10.292 min
Delta R.T.: -0.005 min
Response: 177235
Conc: 1.03 ug/ml



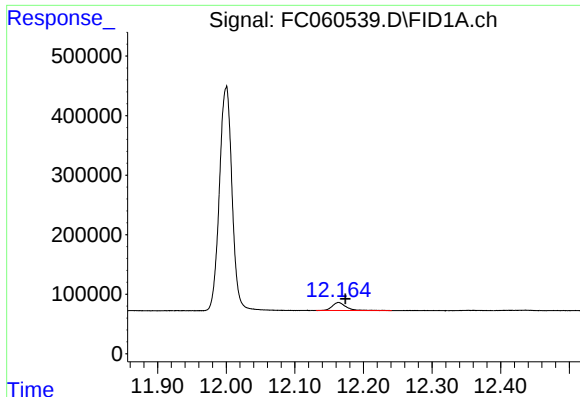
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.645 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.567 min
Delta R.T.: -0.009 min
Response: 184806
Conc: 1.08 ug/ml m



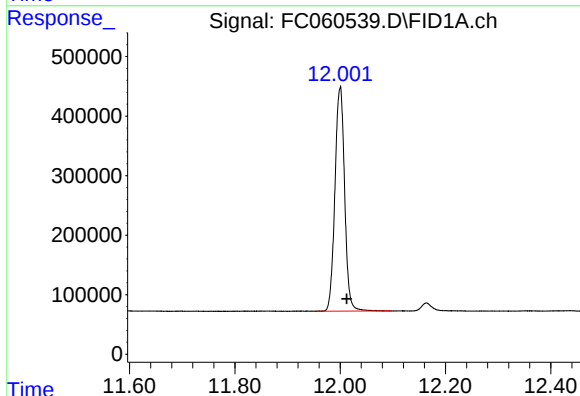
#11 n-Heneicosane (C21)

R.T.: 12.164 min
Delta R.T.: -0.010 min
Response: 191183
Conc: 1.12 ug/ml

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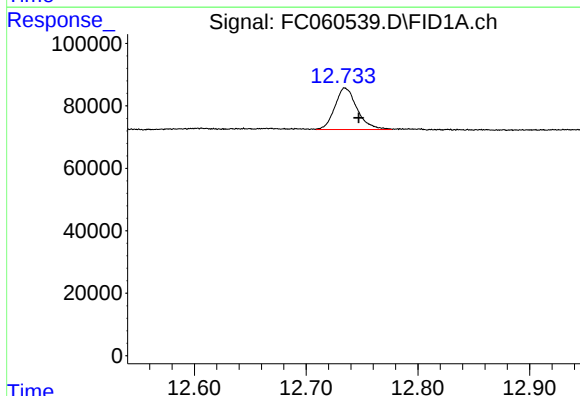
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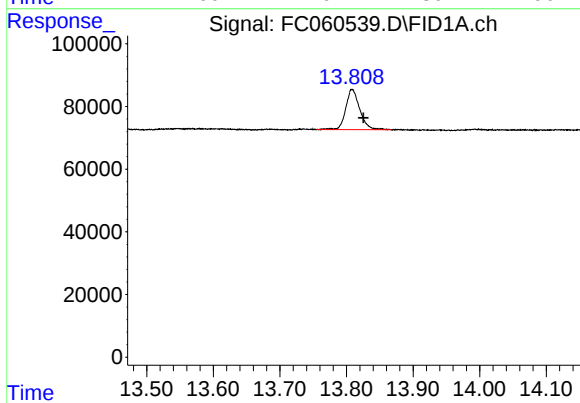
#12 1-chlorooctadecane (SURR)

R.T.: 12.000 min
Delta R.T.: -0.013 min
Response: 4810080
Conc: 32.63 ug/ml



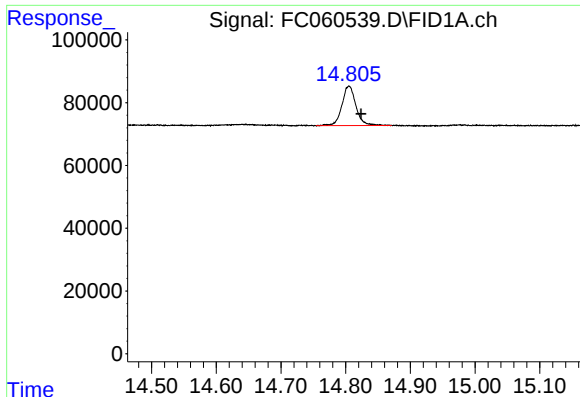
#13 n-Docosane (C22)

R.T.: 12.733 min
Delta R.T.: -0.014 min
Response: 183818
Conc: 1.08 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 13.809 min
Delta R.T.: -0.017 min
Response: 187007
Conc: 1.11 ug/ml



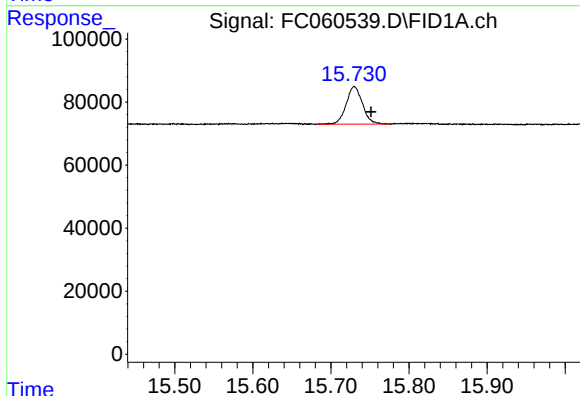
#15 n-Hexacosane (C26)

R.T.: 14.805 min
Delta R.T.: -0.018 min
Response: 190061
Conc: 1.16 ug/ml

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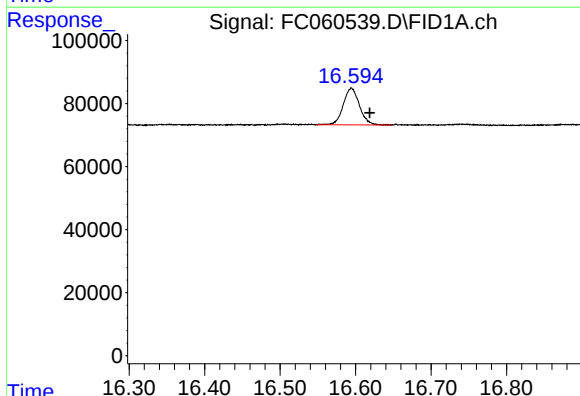
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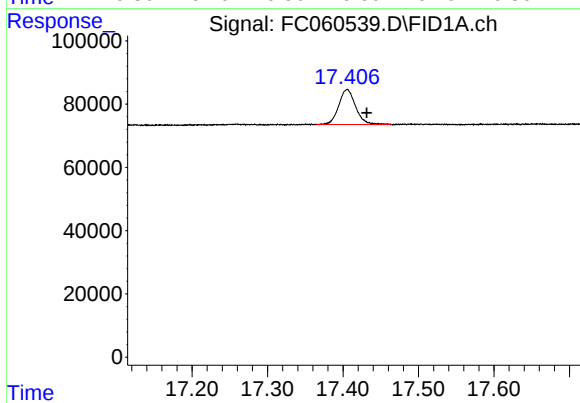
#16 n-Octacosane (C28)

R.T.: 15.730 min
Delta R.T.: -0.022 min
Response: 172181
Conc: 1.09 ug/ml



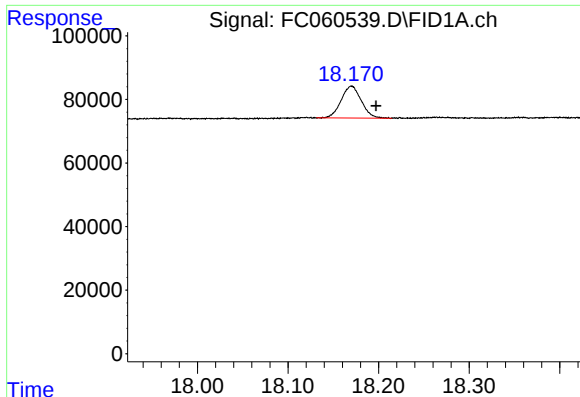
#17 n-Tricontane (C30)

R.T.: 16.594 min
Delta R.T.: -0.024 min
Response: 172774
Conc: 1.14 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.405 min
Delta R.T.: -0.026 min
Response: 172956
Conc: 1.19 ug/ml



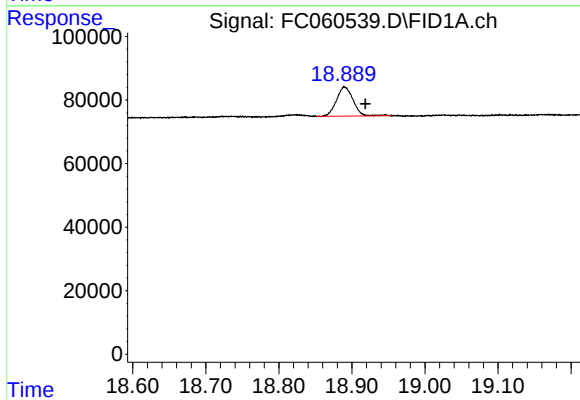
#19 n-Tetratriacontane (C34)

R.T.: 18.170 min
Delta R.T.: -0.027 min
Response: 155435
Conc: 1.22 ug/ml

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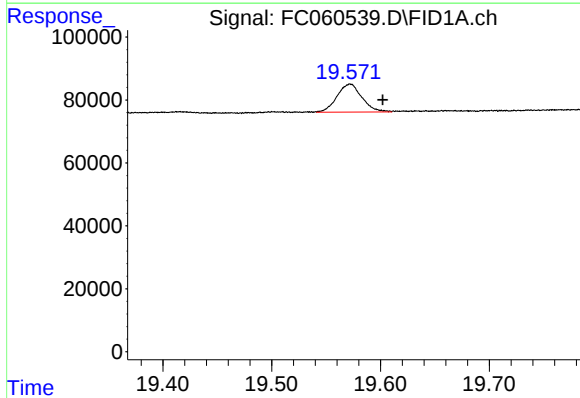
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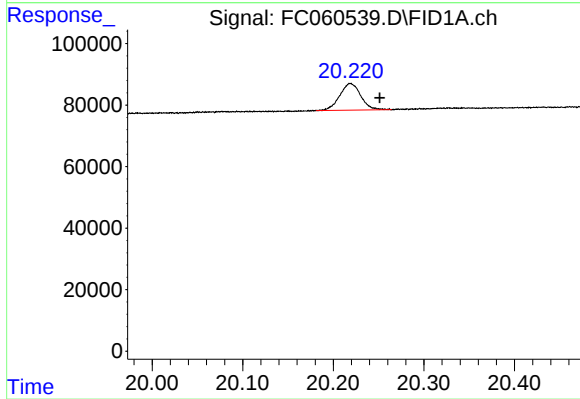
#20 n-Hexatriacontane (C36)

R.T.: 18.890 min
Delta R.T.: -0.028 min
Response: 144480
Conc: 1.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.571 min
Delta R.T.: -0.031 min
Response: 141237
Conc: 1.29 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.219 min
Delta R.T.: -0.032 min
Response: 140600
Conc: 1.24 ug/ml