

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC063022AL\
 Data File : FC060534.D
 Signal(s) : FID1A.ch
 Acq On : 30 Jun 2022 19:08
 Operator : YP/AJ
 Sample : N3214-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-WATER-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 05:05:34 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...	11.998	4004907	27.171 ug/ml
Spiked Amount 50.000		Recovery =	54.34%
Target Compounds			
1) T n-Nonane (C9)	2.647	65318	0.426 ug/mlm
2) T n-Decane (C10)	3.646	87366	0.572 ug/mlm
4) T n-Dodecane (C12)	5.582	234941	1.454 ug/ml
6) T n-Tetradecane (C14)	7.332	154793	0.937 ug/ml
7) T n-Hexadecane (C16)	8.889	134617	0.797 ug/ml
8) T n-Octadecane (C18)	10.291	166901	0.970 ug/mlm
10) T n-Eicosane (C20)	11.566	160367	0.940 ug/ml
11) T n-Heneicosane (C21)	12.163	162204	0.951 ug/ml
13) T n-Docosane (C22)	12.735	159488	0.936 ug/ml
14) T n-Tetracosane (C24)	13.810	153543	0.914 ug/ml
15) T n-Hexacosane (C26)	14.805	165866	1.009 ug/ml
16) T n-Octacosane (C28)	15.729	145213	0.915 ug/ml
17) T n-Tricontane (C30)	16.593	149706	0.983 ug/ml
18) T n-Dotriacontane (C32)	17.405	149183	1.026 ug/ml
19) T n-Tetratriacontane (C34)	18.168	134637	1.060 ug/ml
20) T n-Hexatriacontane (C36)	18.889	121940	1.087 ug/ml
21) T n-Octatriacontane (C38)	19.573	120215	1.098 ug/ml
22) T n-Tetracontane (C40)	20.219	126426	1.119 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 30 Jun 2022 19:08
Operator : YP/AJ
Sample : N3214-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

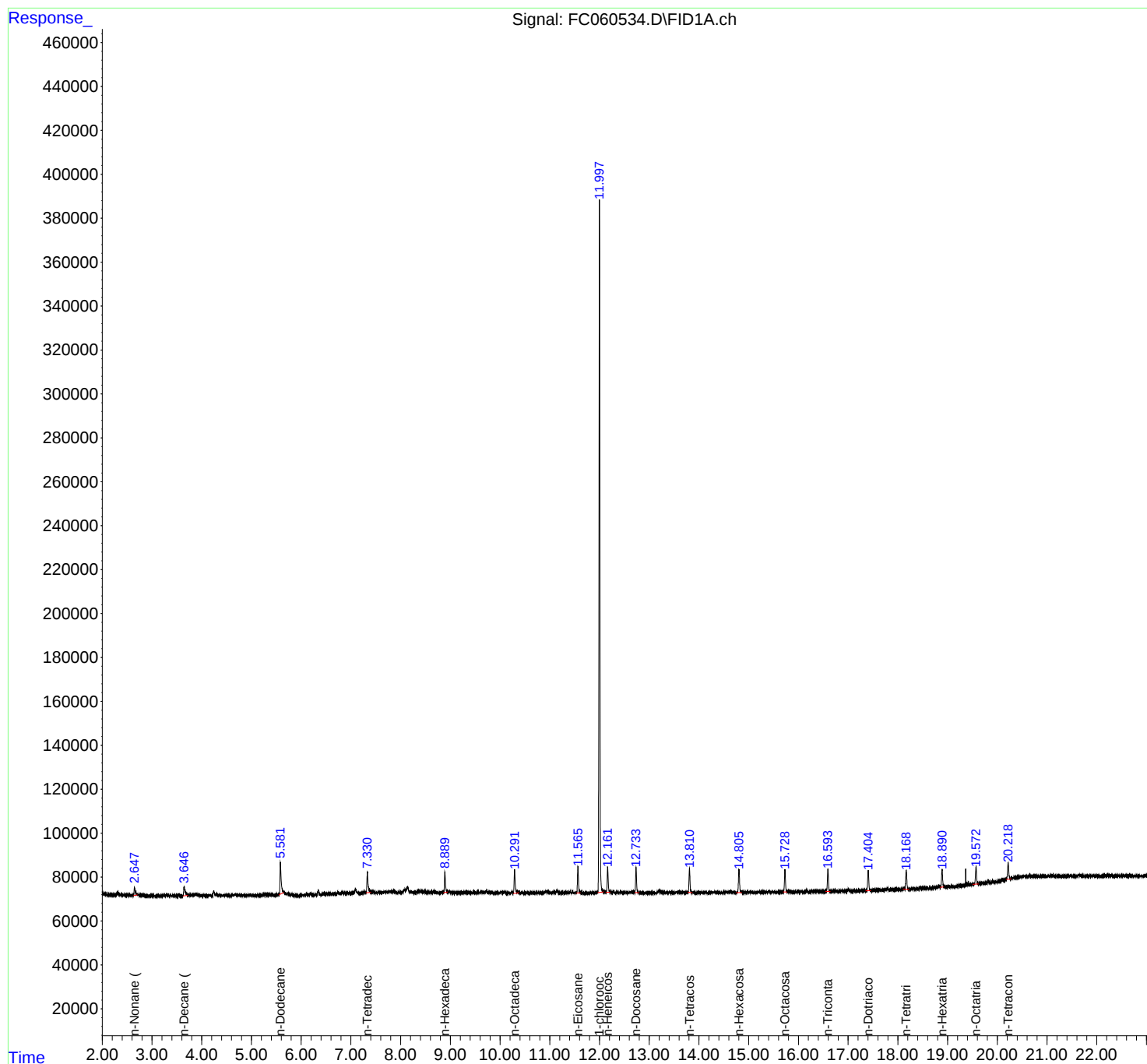
Instrument :
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ClientSampleId :
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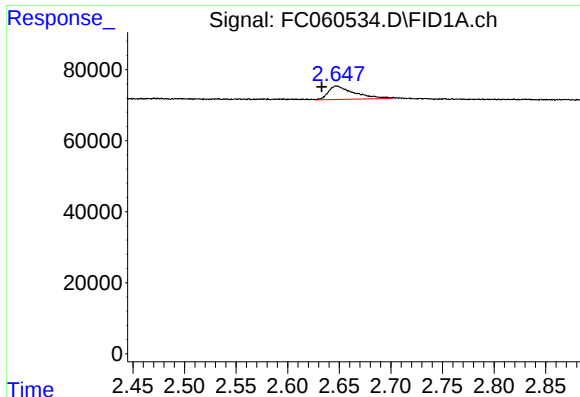
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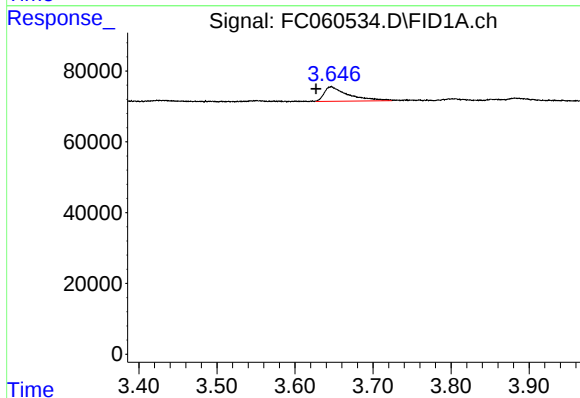
#1 n-Nonane (C9)

R.T.: 2.647 min
Delta R.T.: 0.014 min
Response: 65318
Conc: 0.43 ug/ml

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

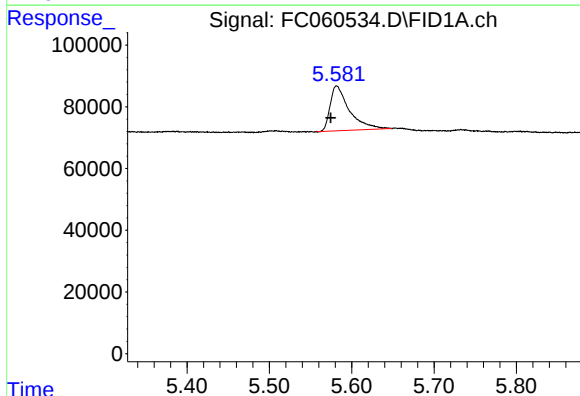
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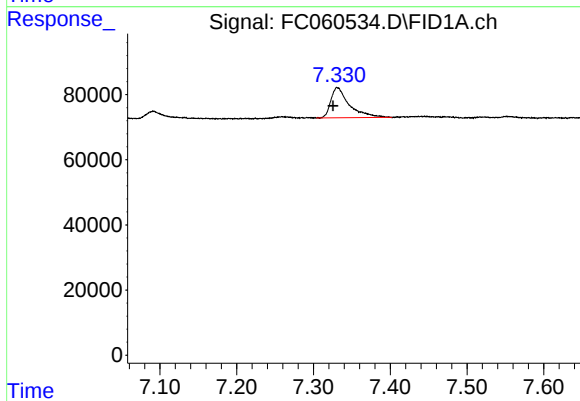
#2 n-Decane (C10)

R.T.: 3.646 min
Delta R.T.: 0.019 min
Response: 87366
Conc: 0.57 ug/ml m



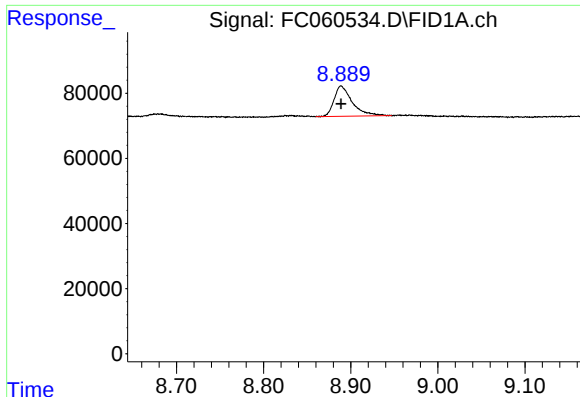
#4 n-Dodecane (C12)

R.T.: 5.582 min
Delta R.T.: 0.008 min
Response: 234941
Conc: 1.45 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.332 min
Delta R.T.: 0.006 min
Response: 154793
Conc: 0.94 ug/ml



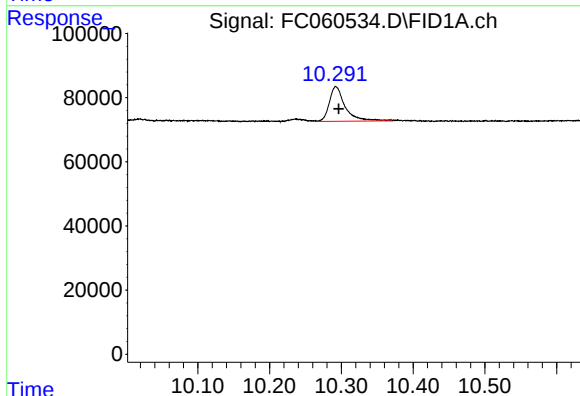
#7 n-Hexadecane (C16)

R.T.: 8.889 min
Delta R.T.: 0.000 min
Response: 134617
Conc: 0.80 ug/ml

Instrument :
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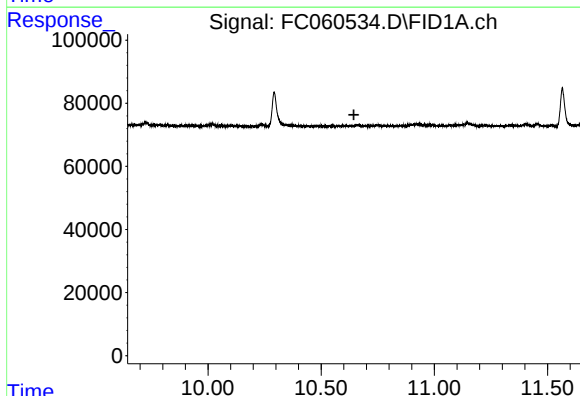
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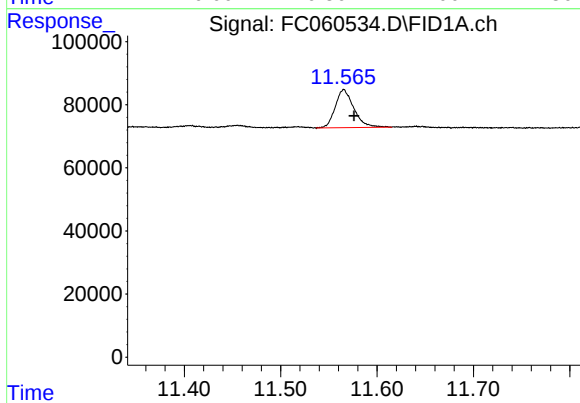
#8 n-Octadecane (C18)

R.T.: 10.291 min
Delta R.T.: -0.005 min
Response: 166901
Conc: 0.97 ug/ml m



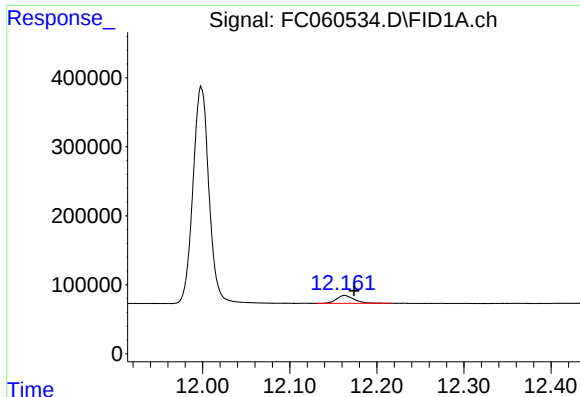
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 11.566 min
Delta R.T.: -0.011 min
Response: 160367
Conc: 0.94 ug/ml



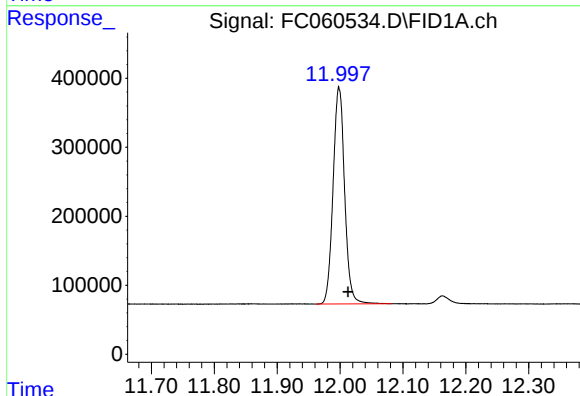
#11 n-Heneicosane (C21)

R.T.: 12.163 min
Delta R.T.: -0.011 min
Response: 162204
Conc: 0.95 ug/ml

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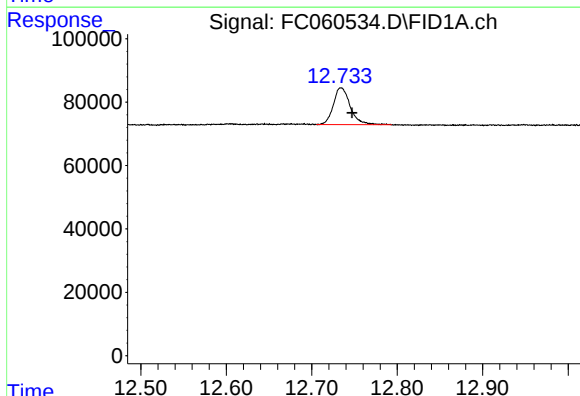
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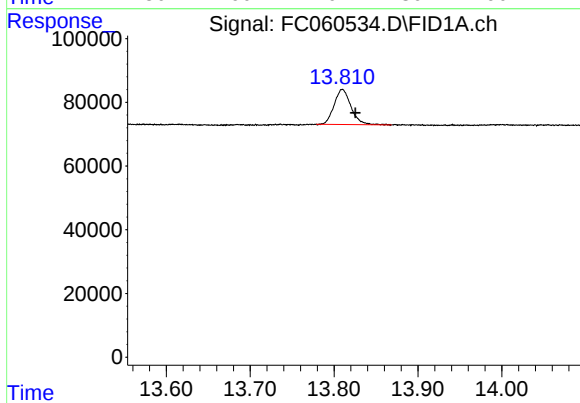
#12 1-chlorooctadecane (SURR)

R.T.: 11.998 min
Delta R.T.: -0.014 min
Response: 4004907
Conc: 27.17 ug/ml



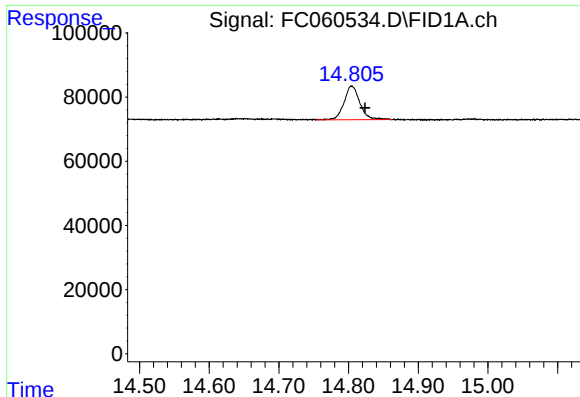
#13 n-Docosane (C22)

R.T.: 12.735 min
Delta R.T.: -0.013 min
Response: 159488
Conc: 0.94 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.810 min
Delta R.T.: -0.015 min
Response: 153543
Conc: 0.91 ug/ml



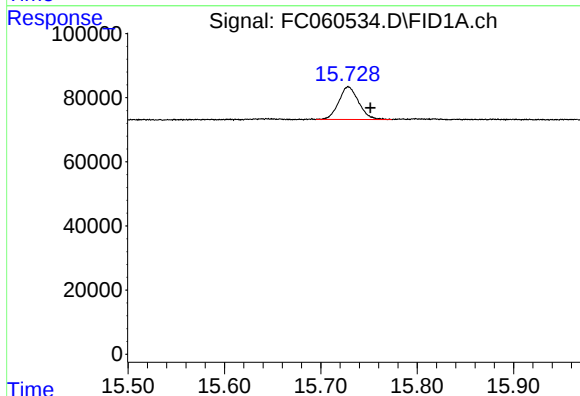
#15 n-Hexacosane (C26)

R.T.: 14.805 min
Delta R.T.: -0.019 min
Response: 165866
Conc: 1.01 ug/ml

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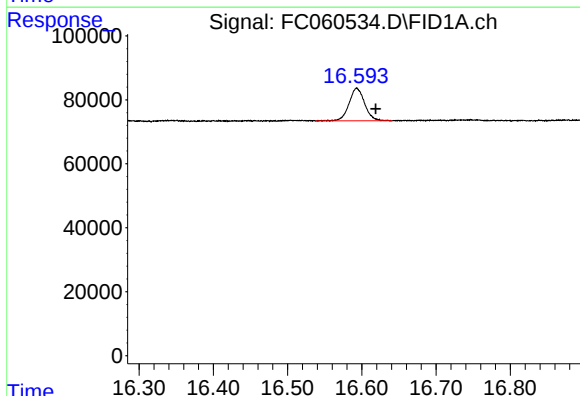
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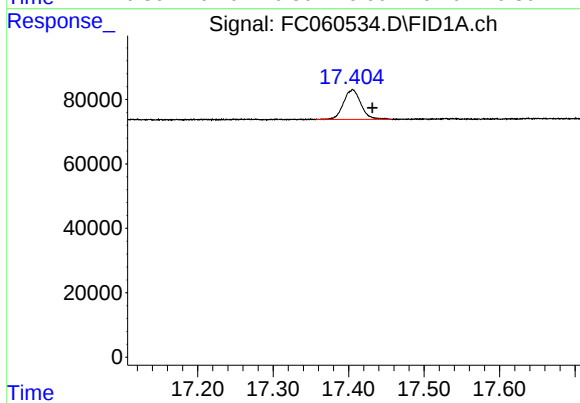
#16 n-Octacosane (C28)

R.T.: 15.729 min
Delta R.T.: -0.023 min
Response: 145213
Conc: 0.92 ug/ml



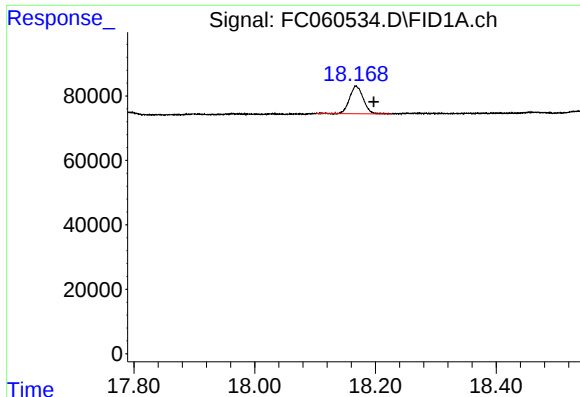
#17 n-Tricontane (C30)

R.T.: 16.593 min
Delta R.T.: -0.025 min
Response: 149706
Conc: 0.98 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.405 min
Delta R.T.: -0.026 min
Response: 149183
Conc: 1.03 ug/ml



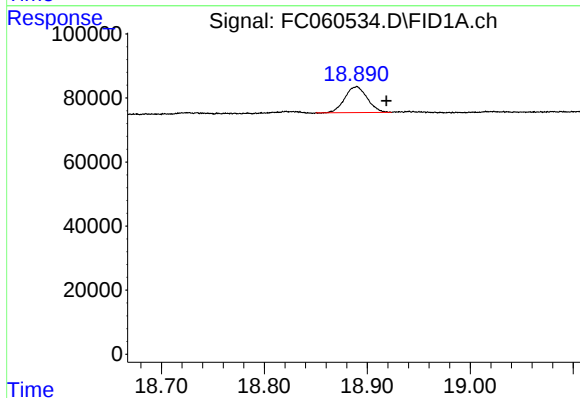
#19 n-Tetratriacontane (C34)

R.T.: 18.168 min
Delta R.T.: -0.029 min
Response: 134637
Conc: 1.06 ug/ml

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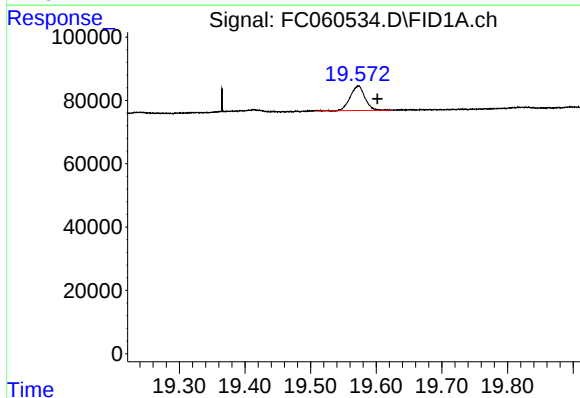
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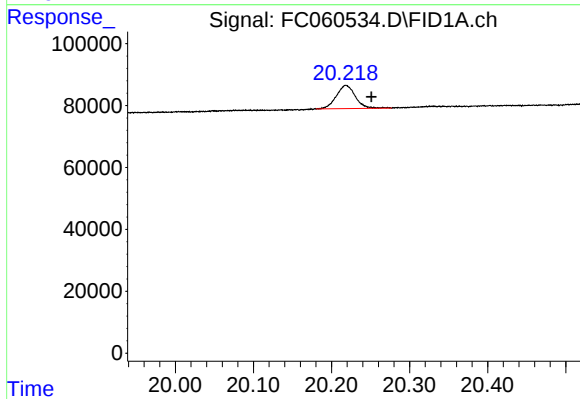
#20 n-Hexatriacontane (C36)

R.T.: 18.889 min
Delta R.T.: -0.030 min
Response: 121940
Conc: 1.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.573 min
Delta R.T.: -0.030 min
Response: 120215
Conc: 1.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.219 min
Delta R.T.: -0.033 min
Response: 126426
Conc: 1.12 ug/ml