

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062822AL\
 Data File : FC060497.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jun 2022 22:26
 Operator : YP/AJ
 Sample : N1645-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 29 03:16:58 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...	12.007	5672391	38.484 ug/ml
Spiked Amount 50.000		Recovery =	76.97%
Target Compounds			
1) T n-Nonane (C9)	2.650	183702	1.198 ug/ml
2) T n-Decane (C10)	3.643	246669	1.615 ug/ml
4) T n-Dodecane (C12)	5.584	463931	2.871 ug/ml
6) T n-Tetradecane (C14)	7.330	392223	2.374 ug/mlm
7) T n-Hexadecane (C16)	8.889	398311	2.357 ug/ml
8) T n-Octadecane (C18)	10.293	457001	2.656 ug/ml
10) T n-Eicosane (C20)	11.569	500224	2.931 ug/ml
11) T n-Heneicosane (C21)	12.166	466009	2.733 ug/ml
13) T n-Docosane (C22)	12.738	705874	4.141 ug/ml
14) T n-Tetracosane (C24)	13.814	769136	4.581 ug/ml
15) T n-Hexacosane (C26)	14.810	814509	4.957 ug/ml
16) T n-Octacosane (C28)	15.736	876110	5.521 ug/ml
17) T n-Tricontane (C30)	16.602	909753	5.976 ug/ml
18) T n-Dotriacontane (C32)	17.414	838531	5.768 ug/ml
19) T n-Tetratriacontane (C34)	18.176	635951	5.007 ug/ml
20) T n-Hexatriacontane (C36)	18.896	464588	4.140 ug/mlm
21) T n-Octatriacontane (C38)	19.581	378078	3.454 ug/mlm
22) T n-Tetracontane (C40)	20.226	336115	2.976 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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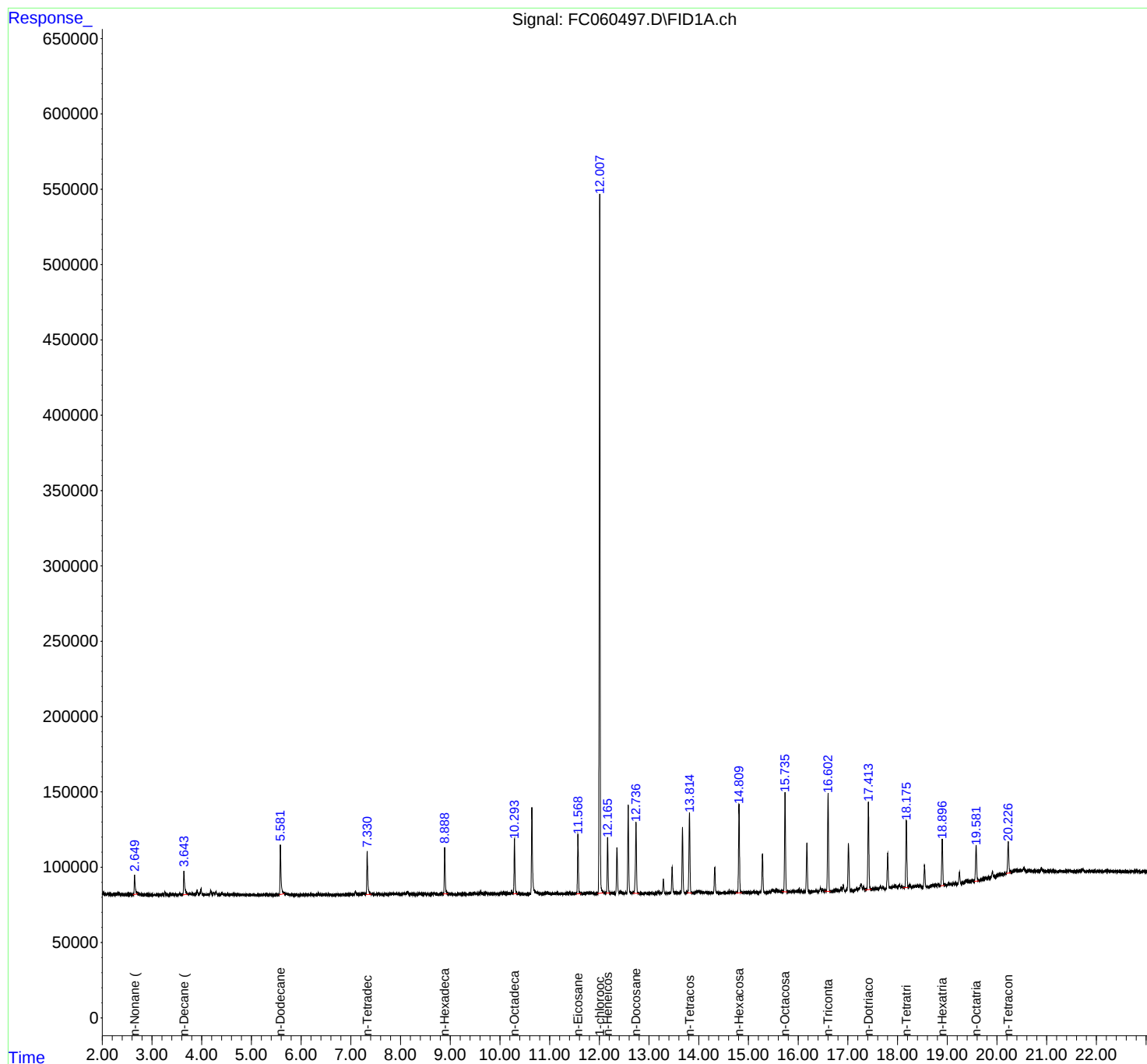
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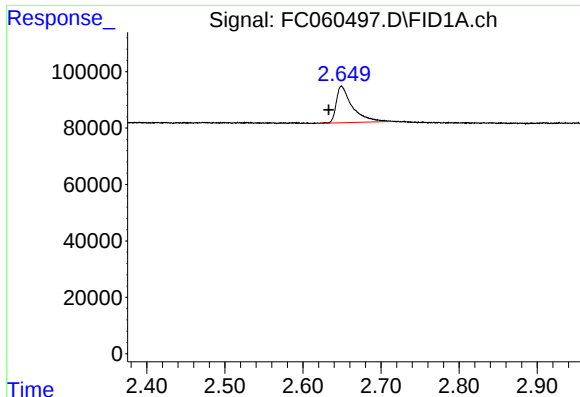
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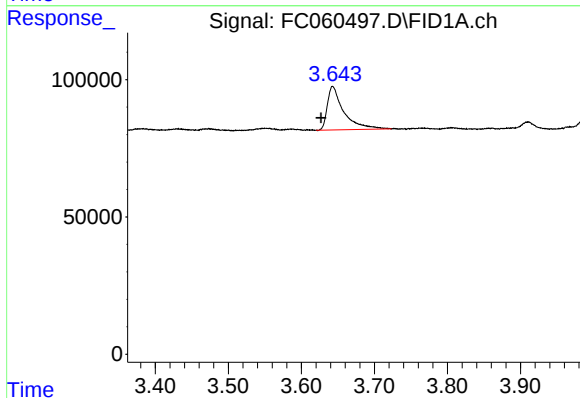
#1 n-Nonane (C9)

R.T.: 2.650 min
Delta R.T.: 0.017 min
Response: 183702
Conc: 1.20 ug/ml

Instrument :
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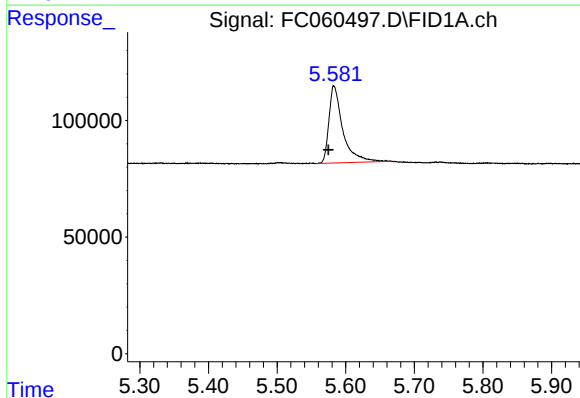
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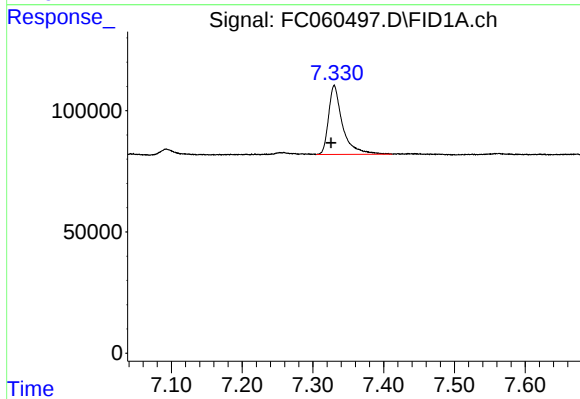
#2 n-Decane (C10)

R.T.: 3.643 min
Delta R.T.: 0.016 min
Response: 246669
Conc: 1.62 ug/ml



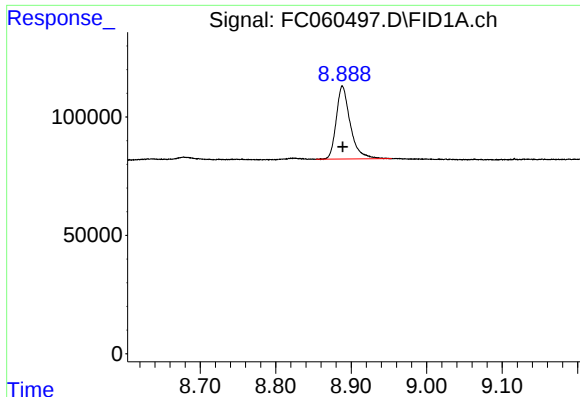
#4 n-Dodecane (C12)

R.T.: 5.584 min
Delta R.T.: 0.009 min
Response: 463931
Conc: 2.87 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.330 min
Delta R.T.: 0.004 min
Response: 392223
Conc: 2.37 ug/ml m



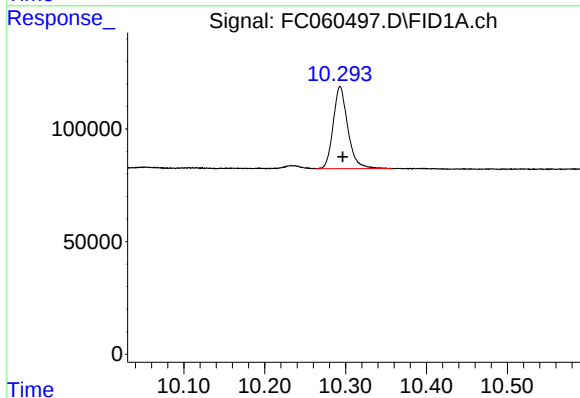
#7 n-Hexadecane (C16)

R.T.: 8.889 min
Delta R.T.: 0.000 min
Response: 398311
Conc: 2.36 ug/ml

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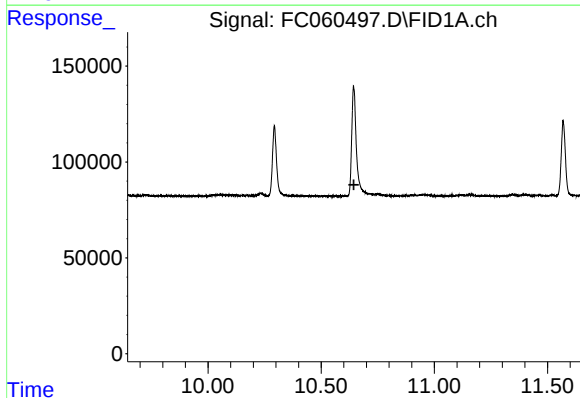
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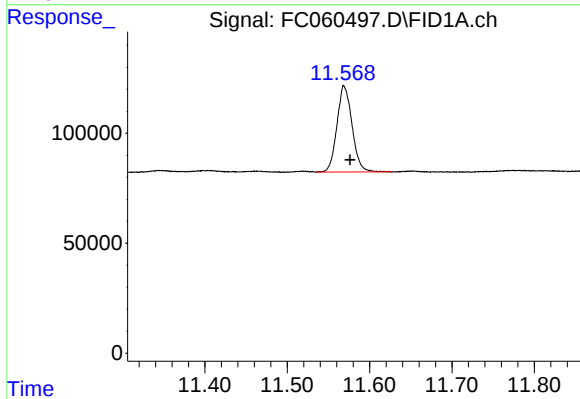
#8 n-Octadecane (C18)

R.T.: 10.293 min
Delta R.T.: -0.003 min
Response: 457001
Conc: 2.66 ug/ml



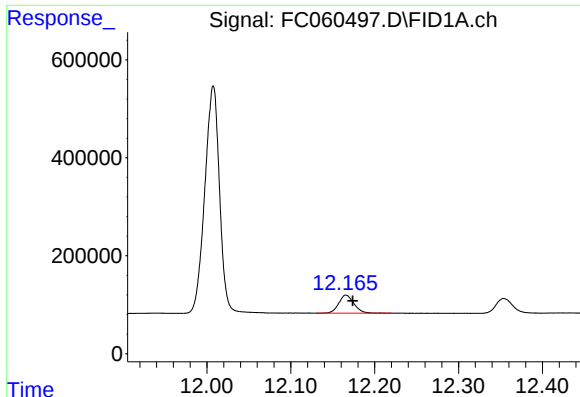
#9 ortho-Terphenyl (SURRE)

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



#10 n-Eicosane (C20)

R.T.: 11.569 min
Delta R.T.: -0.007 min
Response: 500224
Conc: 2.93 ug/ml



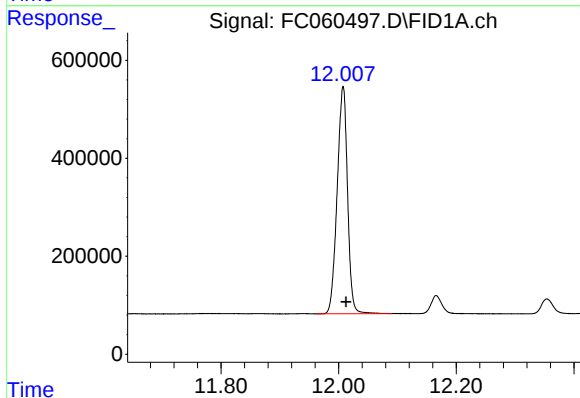
#11 n-Heneicosane (C21)

R.T.: 12.166 min
Delta R.T.: -0.008 min
Response: 466009
Conc: 2.73 ug/ml

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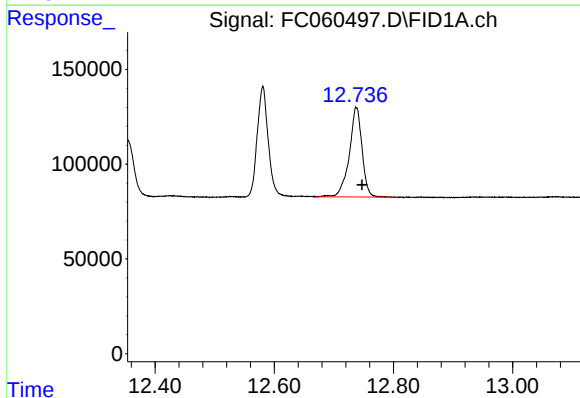
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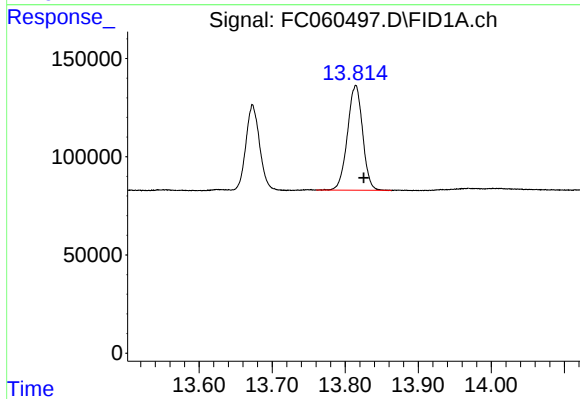
#12 1-chlorooctadecane (SURR)

R.T.: 12.007 min
Delta R.T.: -0.005 min
Response: 5672391
Conc: 38.48 ug/ml



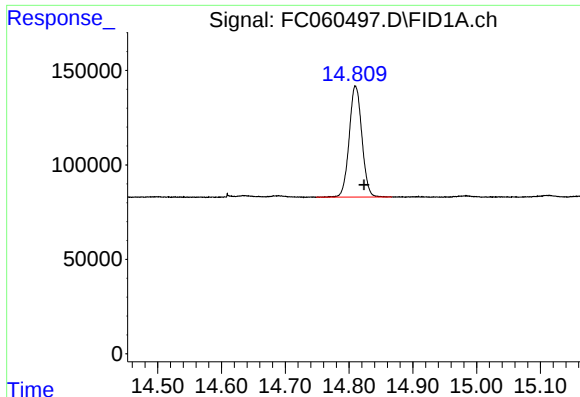
#13 n-Docosane (C22)

R.T.: 12.738 min
Delta R.T.: -0.009 min
Response: 705874
Conc: 4.14 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.814 min
Delta R.T.: -0.011 min
Response: 769136
Conc: 4.58 ug/ml



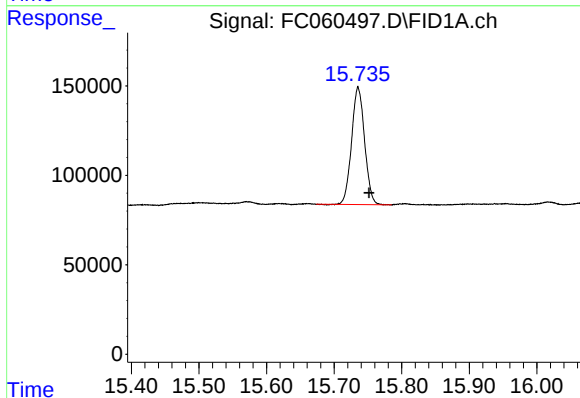
#15 n-Hexacosane (C26)

R.T.: 14.810 min
Delta R.T.: -0.013 min
Response: 814509
Conc: 4.96 ug/ml

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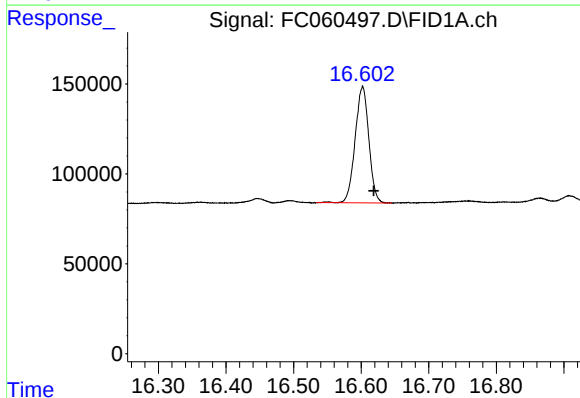
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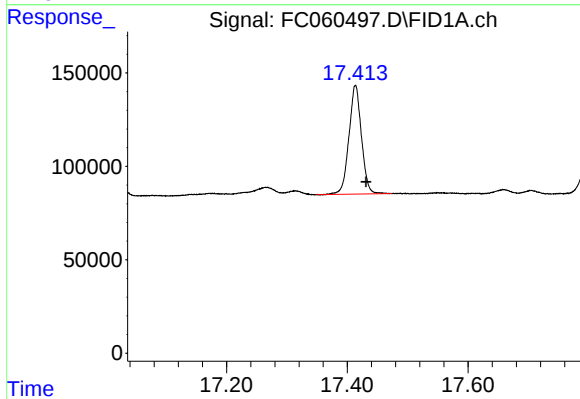
#16 n-Octacosane (C28)

R.T.: 15.736 min
Delta R.T.: -0.016 min
Response: 876110
Conc: 5.52 ug/ml



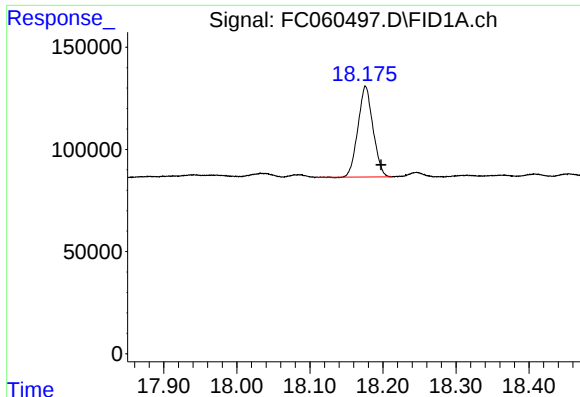
#17 n-Tricontane (C30)

R.T.: 16.602 min
Delta R.T.: -0.017 min
Response: 909753
Conc: 5.98 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.414 min
Delta R.T.: -0.018 min
Response: 838531
Conc: 5.77 ug/ml



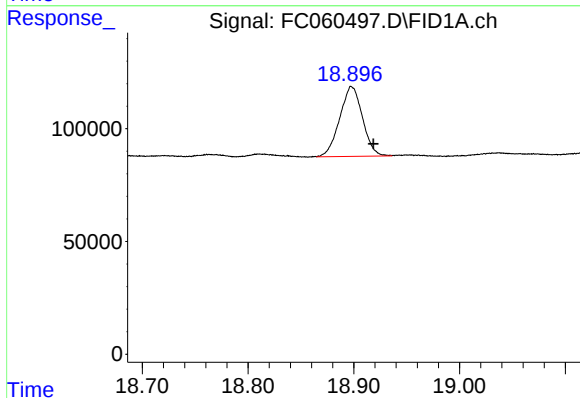
#19 n-Tetratriacontane (C34)

R.T.: 18.176 min
Delta R.T.: -0.021 min
Response: 635951
Conc: 5.01 ug/ml

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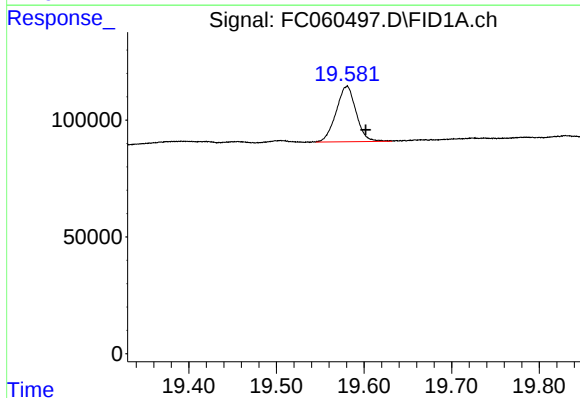
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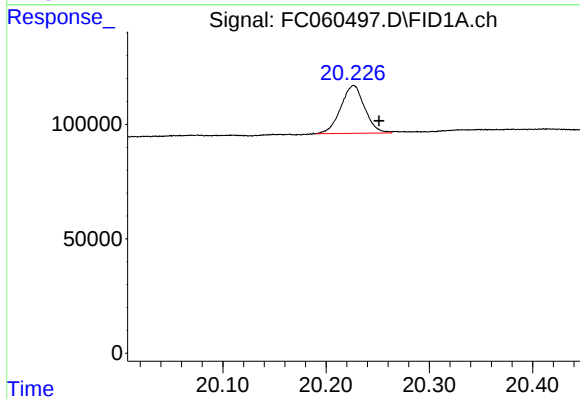
#20 n-Hexatriacontane (C36)

R.T.: 18.896 min
Delta R.T.: -0.022 min
Response: 464588
Conc: 4.14 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.581 min
Delta R.T.: -0.021 min
Response: 378078
Conc: 3.45 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.226 min
Delta R.T.: -0.025 min
Response: 336115
Conc: 2.98 ug/ml m