

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010722AL\
 Data File : FE034658.D
 Signal(s) : FID1B.CH
 Acq On : 07 Jan 2022 12:36
 Operator : AJ\MA
 Sample : M4068-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/10/2022
 Supervised By :Ankita Jodhani 01/10/2022

Integration File: autoint1.e
 Quant Time: Jan 07 22:47:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010622.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 07 12:52:40 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.528	4154587	39.459 ug/ml
Spiked Amount 50.000		Recovery =	78.92%
Target Compounds			
1) T n-Nonane (C9)	2.937	244105	2.094 ug/ml
2) T n-Decane (C10)	3.968	247652	2.095 ug/ml
4) T n-Dodecane (C12)	5.963	254347	2.137 ug/ml
6) T n-Tetradecane (C14)	7.749	260059	2.142 ug/ml
7) T n-Hexadecane (C16)	9.344	264552	2.172 ug/ml
8) T n-Octadecane (C18)	10.779	283660	2.275 ug/ml
10) T n-Eicosane (C20)	12.084	275670	2.235 ug/ml
11) T n-Heneicosane (C21)	12.693	275884	2.217 ug/ml
13) T n-Docosane (C22)	13.277	276322	2.241 ug/ml
14) T n-Tetracosane (C24)	14.376	277455	2.255 ug/ml
15) T n-Hexacosane (C26)	15.393	280743	2.356 ug/ml
16) T n-Octacosane (C28)	16.338	328359	2.840 ug/ml
17) T n-Tricontane (C30)	17.223	440478	4.035 ug/ml
18) T n-Dotriacontane (C32)	18.054	447756	4.670 ug/ml
19) T n-Tetratriacontane (C34)	18.834	377868	4.557 ug/ml
20) T n-Hexatriacontane (C36)	19.569	303811	4.449 ug/mlm
21) T n-Octatriacontane (C38)	20.280	260634	4.522 ug/ml
22) T n-Tetracontane (C40)	21.118	222497	4.450 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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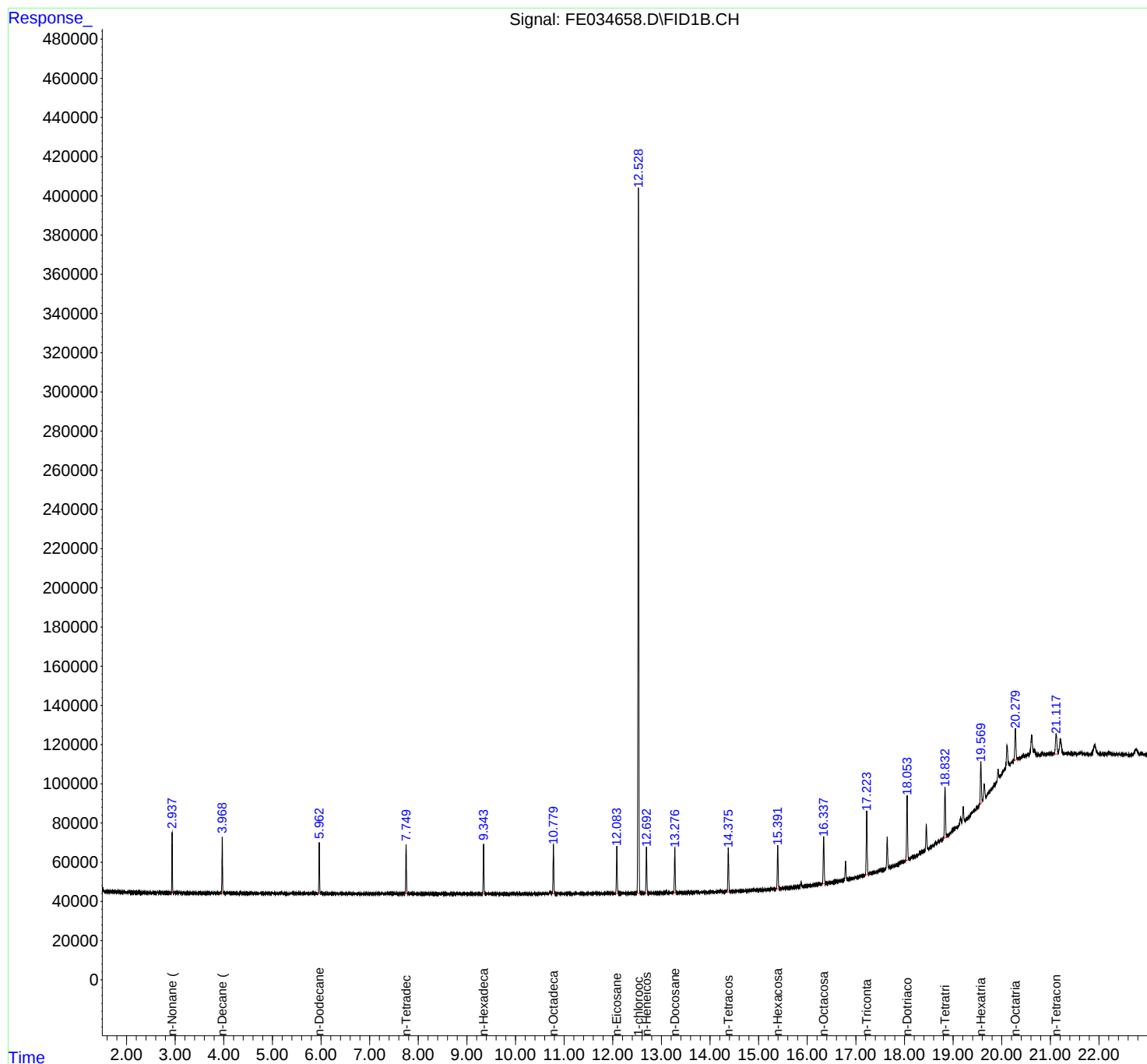
Instrument :
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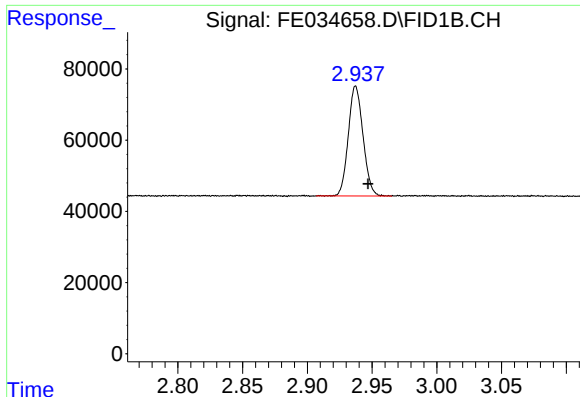
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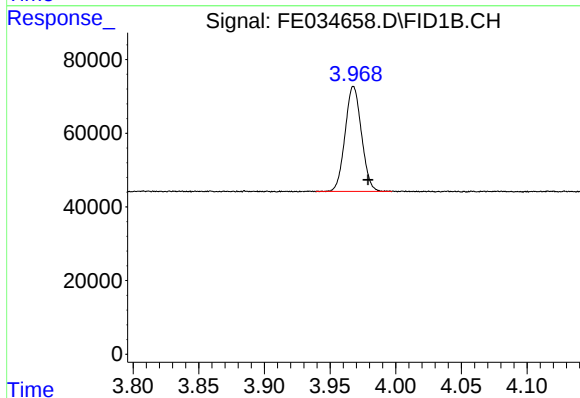
#1 n-Nonane (C9)

R.T.: 2.937 min
Delta R.T.: -0.010 min
Response: 244105
Conc: 2.09 ug/ml

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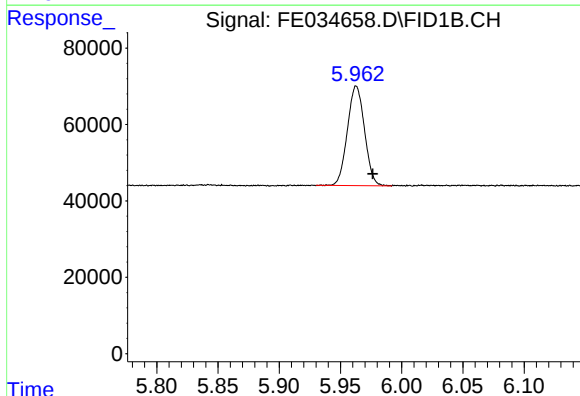
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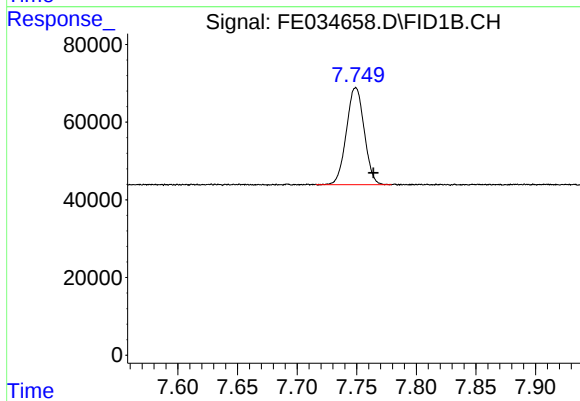
#2 n-Decane (C10)

R.T.: 3.968 min
Delta R.T.: -0.011 min
Response: 247652
Conc: 2.09 ug/ml



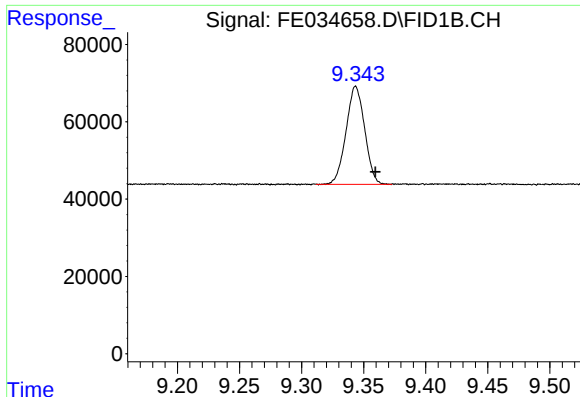
#4 n-Dodecane (C12)

R.T.: 5.963 min
Delta R.T.: -0.013 min
Response: 254347
Conc: 2.14 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.749 min
Delta R.T.: -0.015 min
Response: 260059
Conc: 2.14 ug/ml



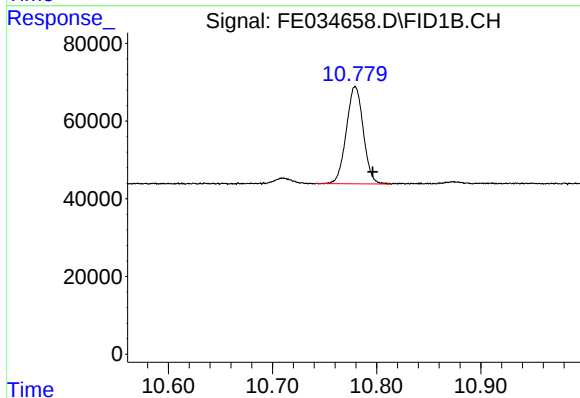
#7 n-Hexadecane (C16)

R.T.: 9.344 min
Delta R.T.: -0.016 min
Response: 264552
Conc: 2.17 ug/ml

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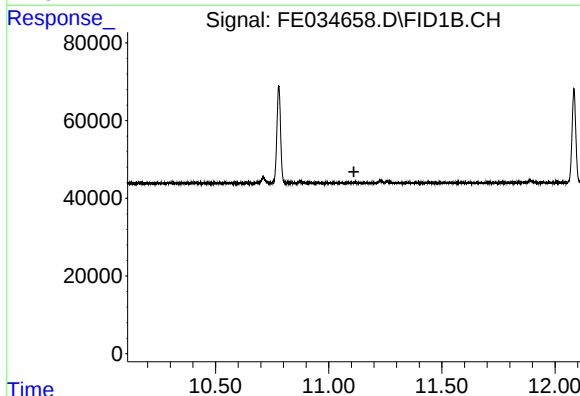
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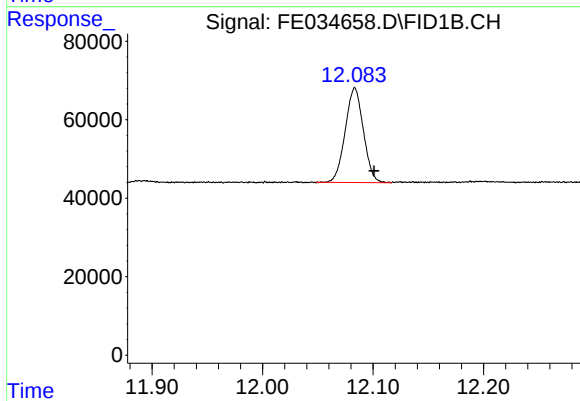
#8 n-Octadecane (C18)

R.T.: 10.779 min
Delta R.T.: -0.017 min
Response: 283660
Conc: 2.27 ug/ml



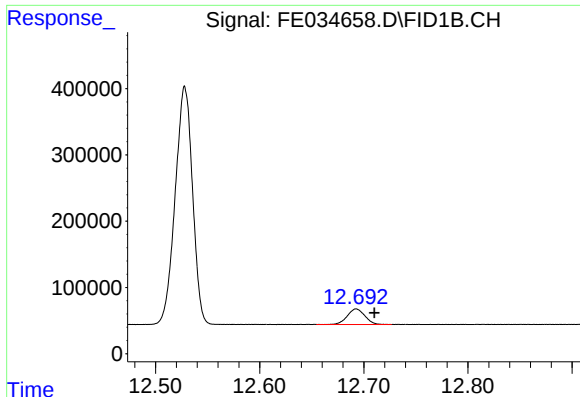
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.111 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.084 min
Delta R.T.: -0.017 min
Response: 275670
Conc: 2.24 ug/ml



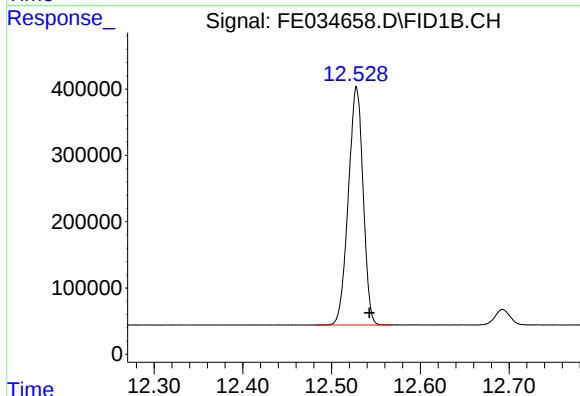
#11 n-Heneicosane (C21)

R.T.: 12.693 min
Delta R.T.: -0.018 min
Response: 275884
Conc: 2.22 ug/ml

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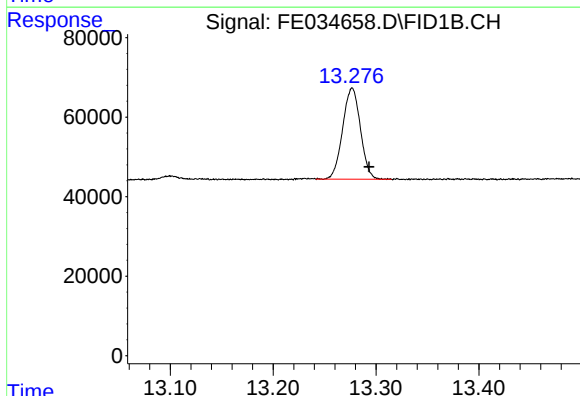
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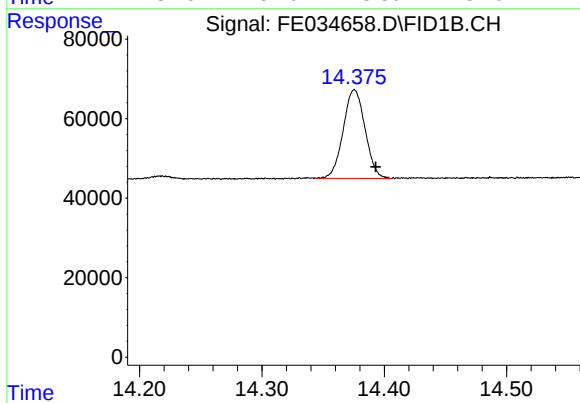
#12 1-chlorooctadecane (SURR)

R.T.: 12.528 min
Delta R.T.: -0.014 min
Response: 4154587
Conc: 39.46 ug/ml



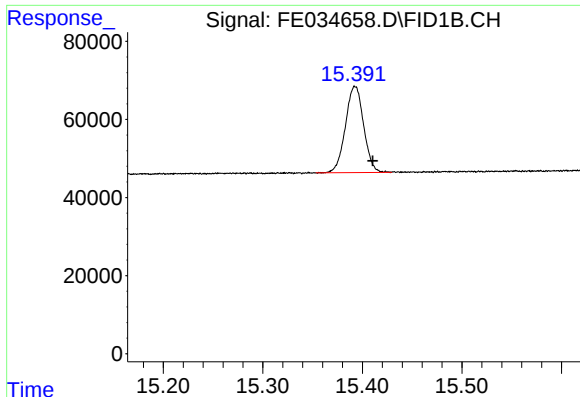
#13 n-Docosane (C22)

R.T.: 13.277 min
Delta R.T.: -0.016 min
Response: 276322
Conc: 2.24 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.376 min
Delta R.T.: -0.017 min
Response: 277455
Conc: 2.25 ug/ml



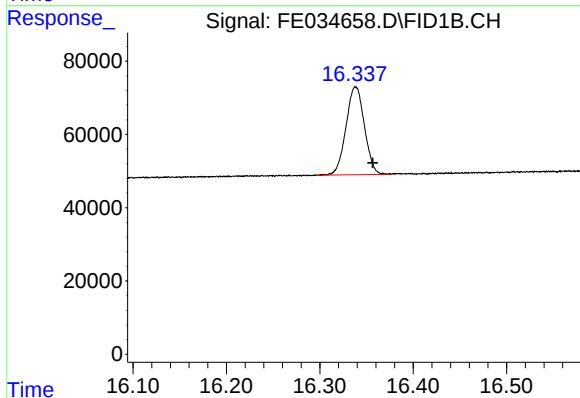
#15 n-Hexacosane (C26)

R.T.: 15.393 min
Delta R.T.: -0.018 min
Response: 280743
Conc: 2.36 ug/ml

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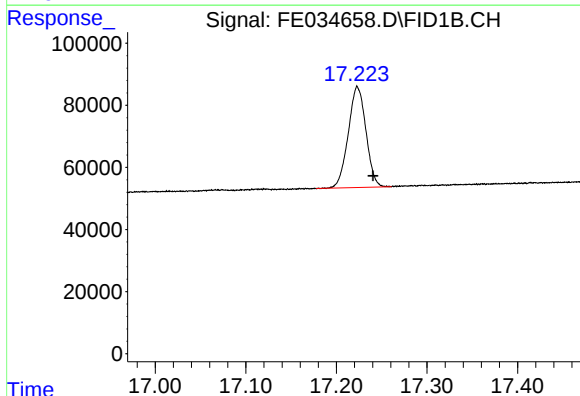
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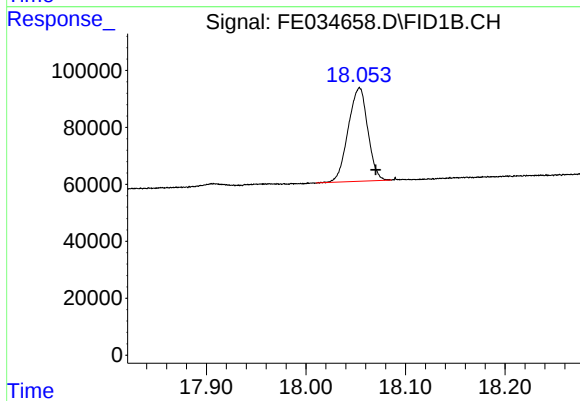
#16 n-Octacosane (C28)

R.T.: 16.338 min
Delta R.T.: -0.018 min
Response: 328359
Conc: 2.84 ug/ml



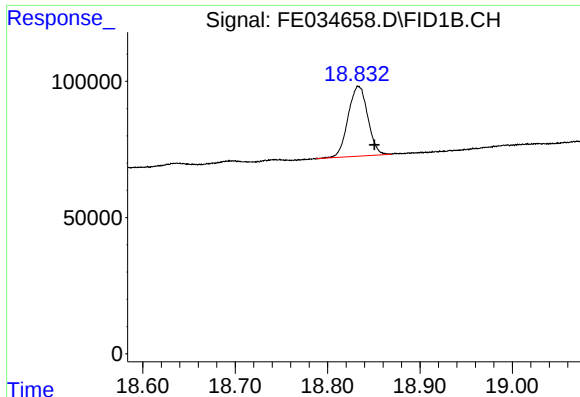
#17 n-Tricontane (C30)

R.T.: 17.223 min
Delta R.T.: -0.017 min
Response: 440478
Conc: 4.04 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.054 min
Delta R.T.: -0.016 min
Response: 447756
Conc: 4.67 ug/ml



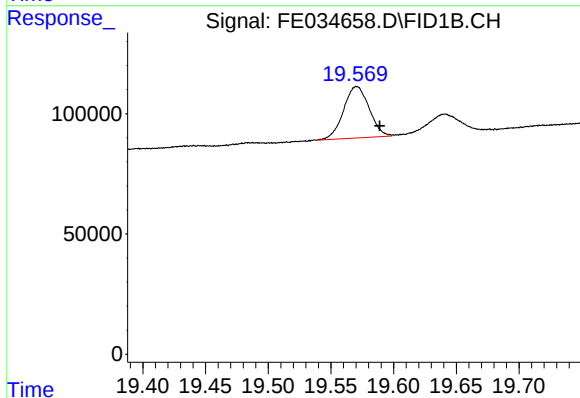
#19 n-Tetratriacontane (C34)

R.T.: 18.834 min
Delta R.T.: -0.017 min
Response: 377868
Conc: 4.56 ug/ml

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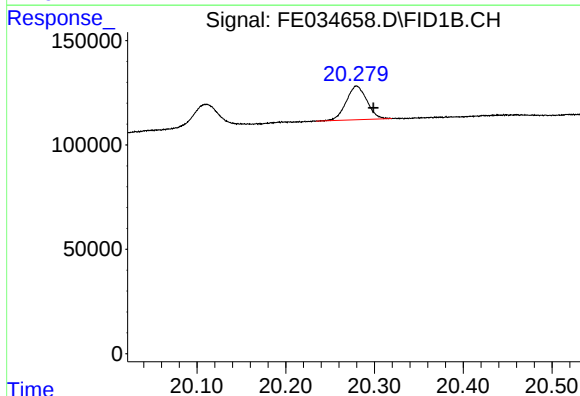
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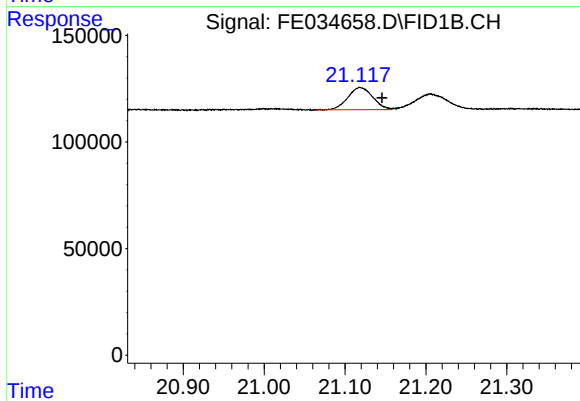
#20 n-Hexatriacontane (C36)

R.T.: 19.569 min
Delta R.T.: -0.019 min
Response: 303811
Conc: 4.45 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.280 min
Delta R.T.: -0.019 min
Response: 260634
Conc: 4.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.118 min
Delta R.T.: -0.027 min
Response: 222497
Conc: 4.45 ug/ml