

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081322AL\
 Data File : FE037028.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2022 13:48
 Operator : YP\AJ
 Sample : N3980-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-03-QT3-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/15/2022
 Supervised By :Ankita Jodhani 08/15/2022

Integration File: autoint1.e
 Quant Time: Aug 12 17:14:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 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...	13.259	4163182	28.525 ug/ml
Spiked Amount 50.000		Recovery =	57.05%
Target Compounds			
1) T n-Nonane (C9)	3.214	206713	1.345 ug/ml
2) T n-Decane (C10)	4.467	251974	1.649 ug/ml
4) T n-Dodecane (C12)	6.634	316276	2.025 ug/ml
6) T n-Tetradecane (C14)	8.460	303792	1.922 ug/ml
7) T n-Hexadecane (C16)	10.066	273489	1.720 ug/ml
8) T n-Octadecane (C18)	11.506	323983	1.973 ug/ml
10) T n-Eicosane (C20)	12.814	361065	2.199 ug/ml
11) T n-Heneicosane (C21)	13.425	357995	2.178 ug/ml
13) T n-Docosane (C22)	14.010	356200	2.189 ug/ml
14) T n-Tetracosane (C24)	15.112	360568	2.231 ug/ml
15) T n-Hexacosane (C26)	16.133	361562	2.279 ug/ml
16) T n-Octacosane (C28)	17.082	375811	2.418 ug/ml
17) T n-Tricontane (C30)	17.968	411509	2.822 ug/ml
18) T n-Dotriacontane (C32)	18.801	420166	3.616 ug/ml
19) T n-Tetratriacontane (C34)	19.585	380481	4.617 ug/ml
20) T n-Hexatriacontane (C36)	20.326	339577	5.621 ug/ml
21) T n-Octatriacontane (C38)	21.045	301634	5.914 ug/ml
22) T n-Tetracontane (C40)	21.919	328633	6.828 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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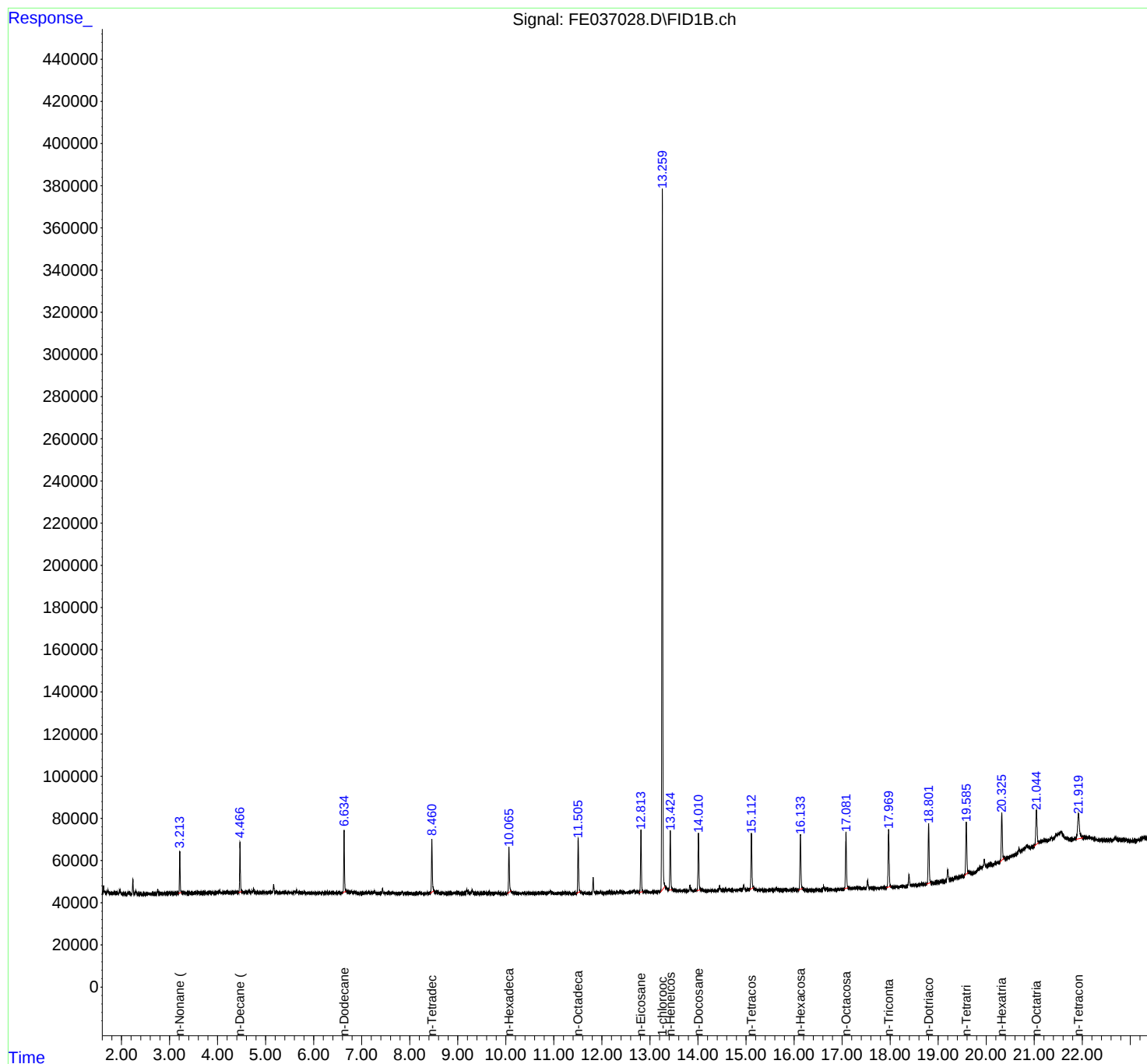
Instrument :
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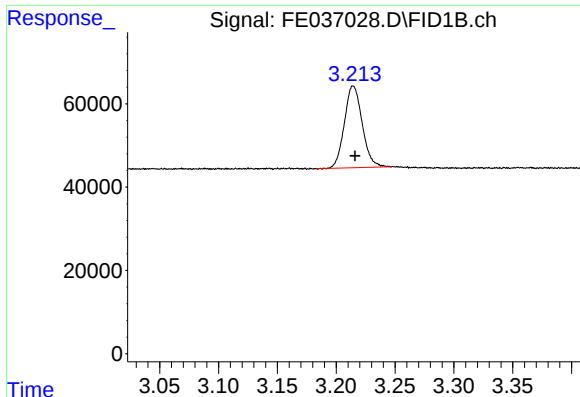
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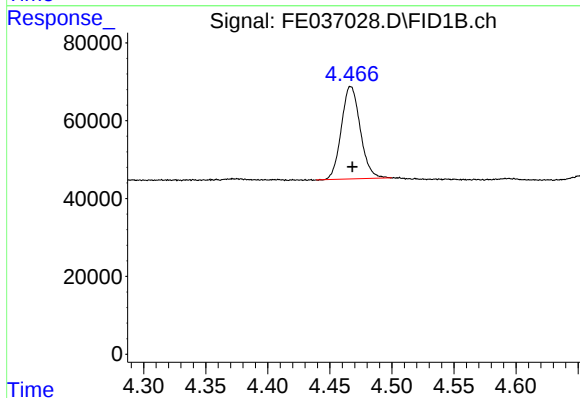
#1 n-Nonane (C9)

R.T.: 3.214 min
Delta R.T.: -0.002 min
Response: 206713
Conc: 1.34 ug/ml

Instrument : FID_E
ClientSampleId : MDL-WATER-03-QT3-2022

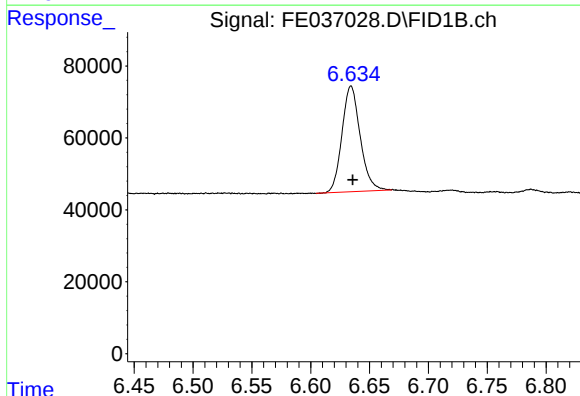
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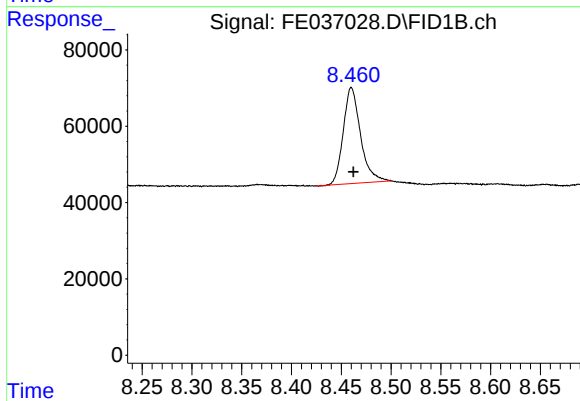
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.001 min
Response: 251974
Conc: 1.65 ug/ml



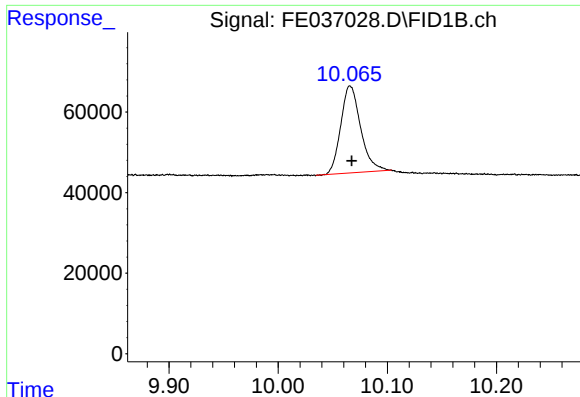
#4 n-Dodecane (C12)

R.T.: 6.634 min
Delta R.T.: -0.001 min
Response: 316276
Conc: 2.03 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 303792
Conc: 1.92 ug/ml



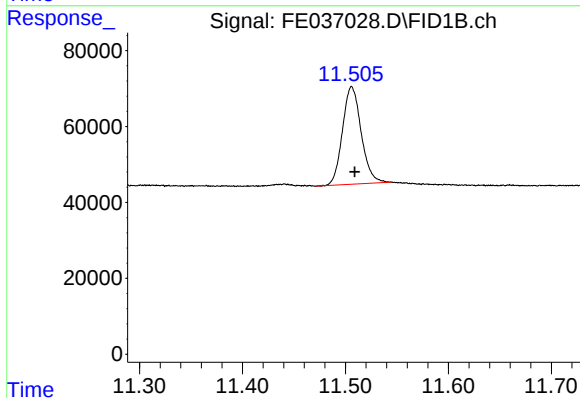
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.001 min
Response: 273489
Conc: 1.72 ug/ml

Instrument :
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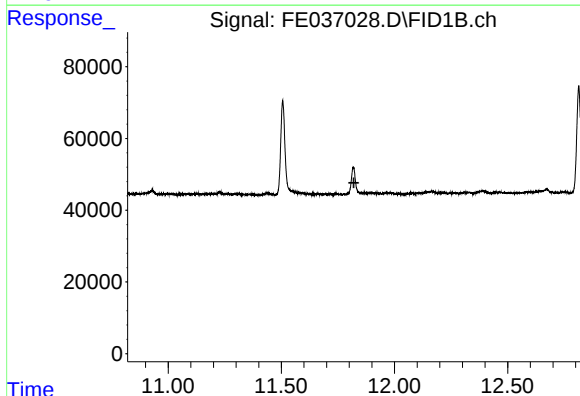
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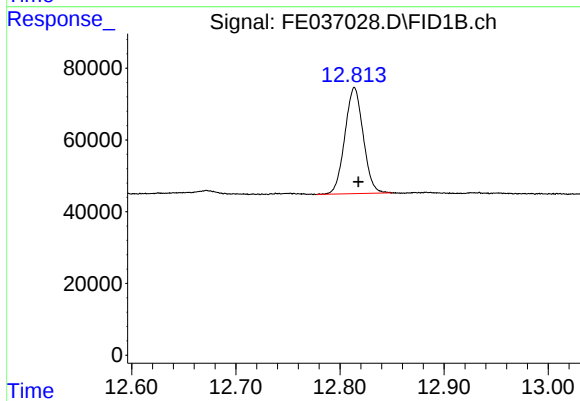
#8 n-Octadecane (C18)

R.T.: 11.506 min
Delta R.T.: -0.003 min
Response: 323983
Conc: 1.97 ug/ml



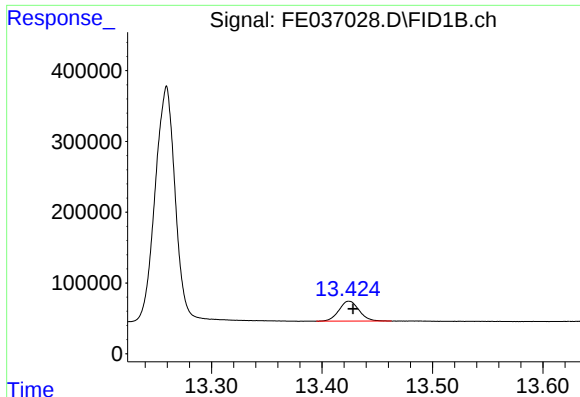
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.821 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.814 min
Delta R.T.: -0.004 min
Response: 361065
Conc: 2.20 ug/ml



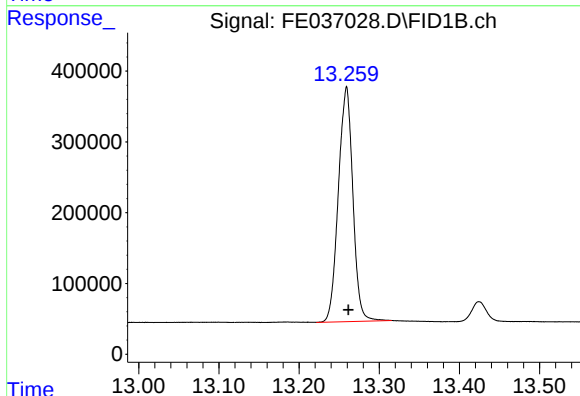
#11 n-Heneicosane (C21)

R.T.: 13.425 min
Delta R.T.: -0.004 min
Response: 357995
Conc: 2.18 ug/ml

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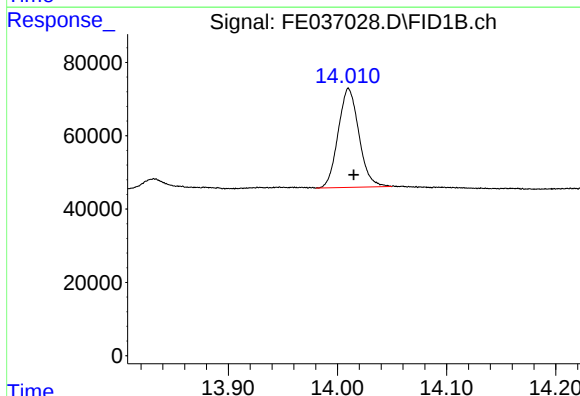
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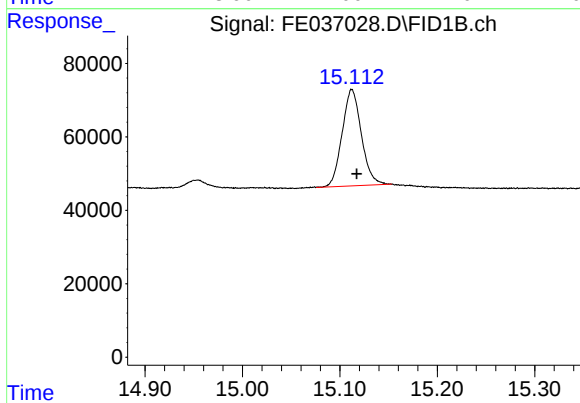
#12 1-chlorooctadecane (SURR)

R.T.: 13.259 min
Delta R.T.: -0.002 min
Response: 4163182
Conc: 28.53 ug/ml



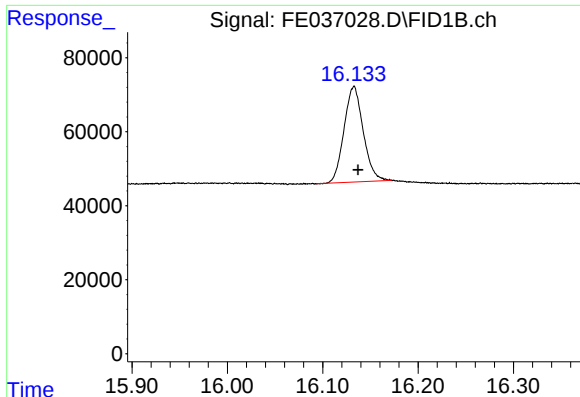
#13 n-Docosane (C22)

R.T.: 14.010 min
Delta R.T.: -0.005 min
Response: 356200
Conc: 2.19 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.112 min
Delta R.T.: -0.005 min
Response: 360568
Conc: 2.23 ug/ml



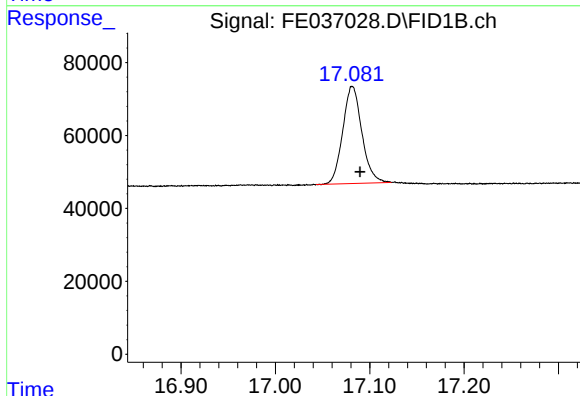
#15 n-Hexacosane (C26)

R.T.: 16.133 min
Delta R.T.: -0.005 min
Response: 361562
Conc: 2.28 ug/ml

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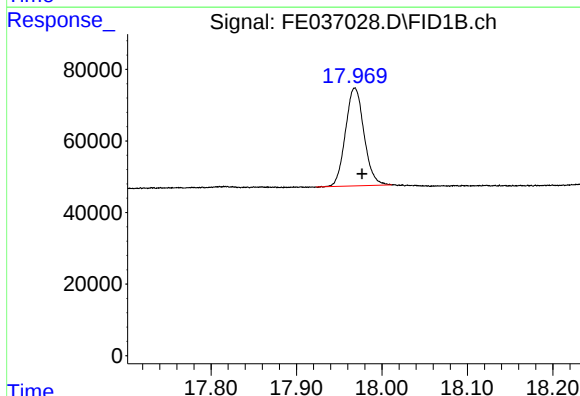
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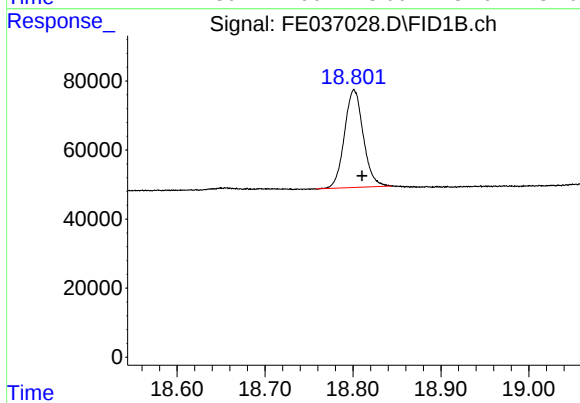
#16 n-Octacosane (C28)

R.T.: 17.082 min
Delta R.T.: -0.008 min
Response: 375811
Conc: 2.42 ug/ml



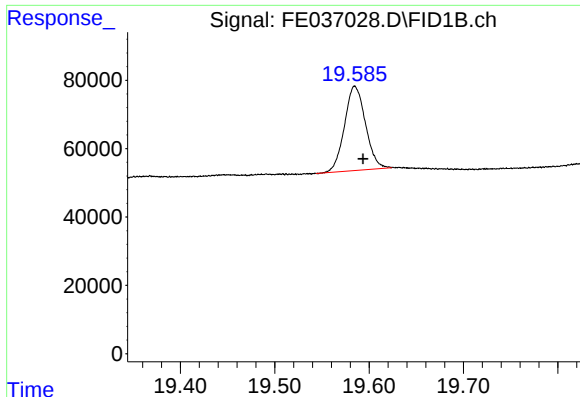
#17 n-Tricontane (C30)

R.T.: 17.968 min
Delta R.T.: -0.009 min
Response: 411509
Conc: 2.82 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.801 min
Delta R.T.: -0.009 min
Response: 420166
Conc: 3.62 ug/ml



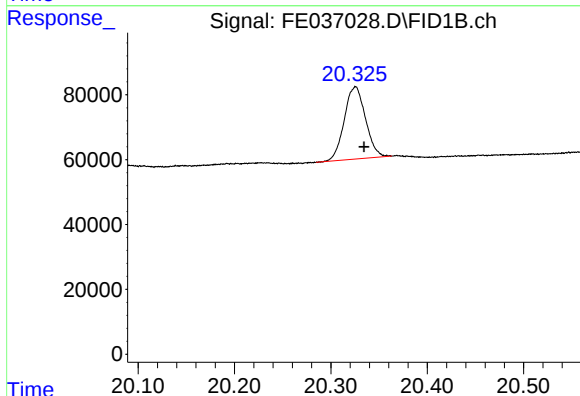
#19 n-Tetratriacontane (C34)

R.T.: 19.585 min
Delta R.T.: -0.009 min
Response: 380481
Conc: 4.62 ug/ml

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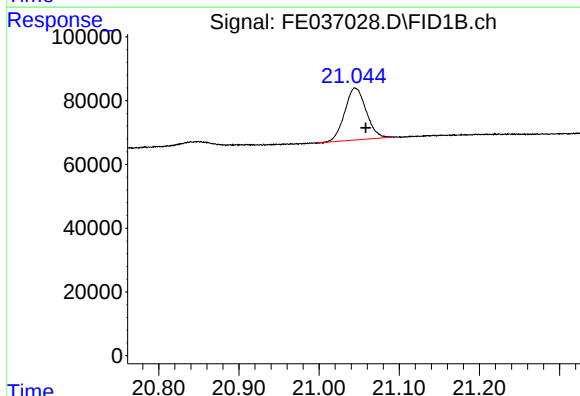
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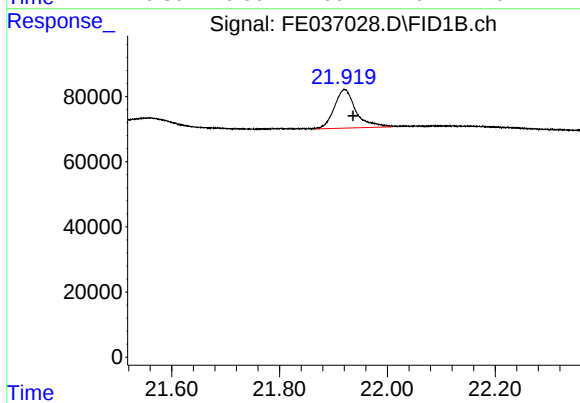
#20 n-Hexatriacontane (C36)

R.T.: 20.326 min
Delta R.T.: -0.009 min
Response: 339577
Conc: 5.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.045 min
Delta R.T.: -0.013 min
Response: 301634
Conc: 5.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.919 min
Delta R.T.: -0.017 min
Response: 328633
Conc: 6.83 ug/ml m