

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081322AL\
 Data File : FE037027.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2022 13:17
 Operator : YP\AJ
 Sample : N3980-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-SOIL-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 17:14:41 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	4157301	28.485 ug/ml
Spiked Amount 50.000		Recovery =	56.97%
Target Compounds			
1) T n-Nonane (C9)	3.214	207422	1.350 ug/ml
2) T n-Decane (C10)	4.467	254832	1.667 ug/ml
4) T n-Dodecane (C12)	6.634	313874	2.010 ug/ml
6) T n-Tetradecane (C14)	8.461	303782	1.922 ug/ml
7) T n-Hexadecane (C16)	10.067	275552	1.733 ug/ml
8) T n-Octadecane (C18)	11.507	324422	1.976 ug/ml
10) T n-Eicosane (C20)	12.815	359876	2.192 ug/ml
11) T n-Heneicosane (C21)	13.425	356778	2.171 ug/ml
13) T n-Docosane (C22)	14.010	351797	2.162 ug/ml
14) T n-Tetracosane (C24)	15.113	349816	2.164 ug/ml
15) T n-Hexacosane (C26)	16.133	349135	2.201 ug/ml
16) T n-Octacosane (C28)	17.083	353817	2.276 ug/ml
17) T n-Tricontane (C30)	17.971	378881	2.598 ug/ml
18) T n-Dotriacontane (C32)	18.803	385785	3.320 ug/ml
19) T n-Tetratriacontane (C34)	19.587	359510	4.363 ug/ml
20) T n-Hexatriacontane (C36)	20.327	350096	5.795 ug/ml
21) T n-Octatriacontane (C38)	21.049	297066	5.825 ug/ml
22) T n-Tetracontane (C40)	21.919	275956	5.733 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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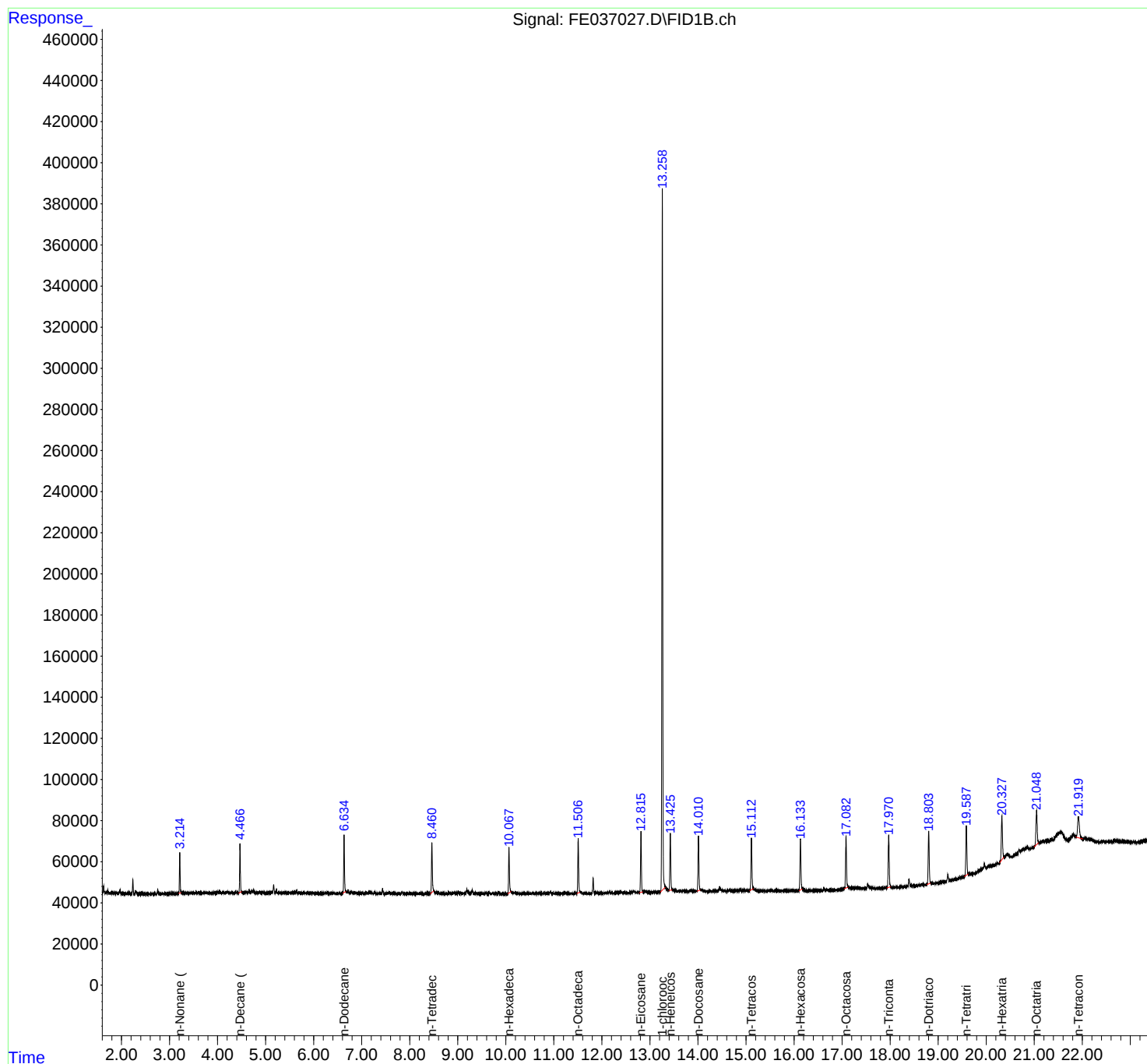
Instrument :
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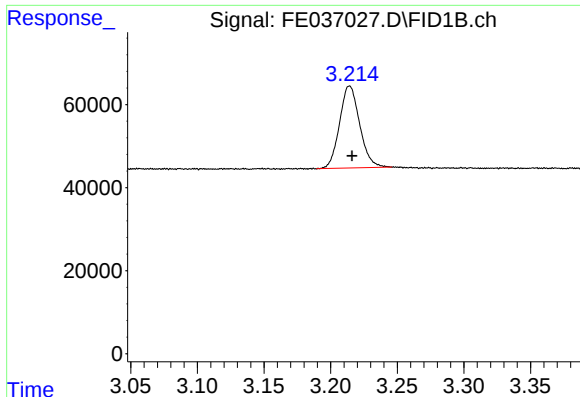
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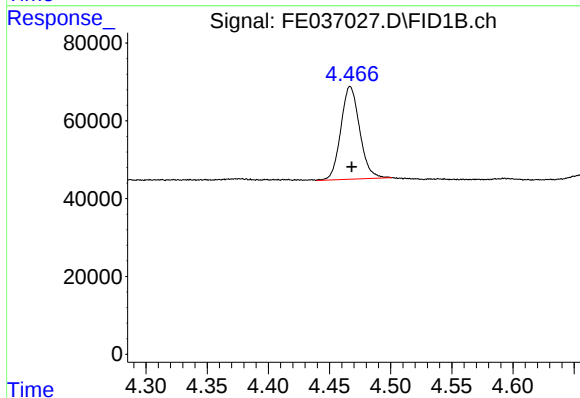
#1 n-Nonane (C9)

R.T.: 3.214 min
Delta R.T.: -0.002 min
Response: 207422
Conc: 1.35 ug/ml

Instrument :
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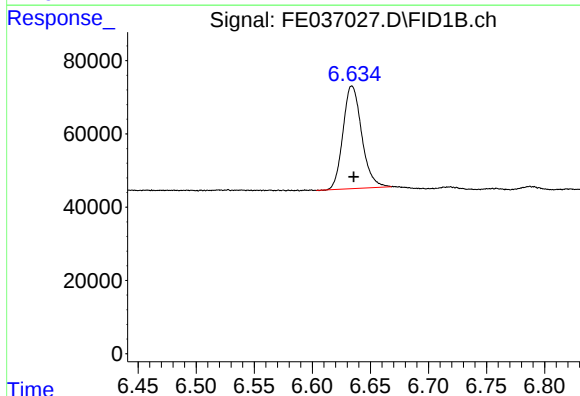
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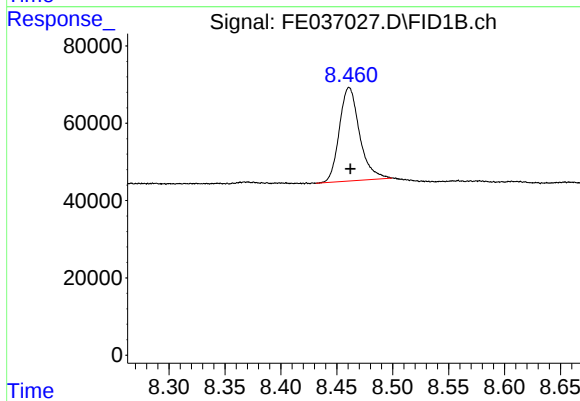
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.001 min
Response: 254832
Conc: 1.67 ug/ml



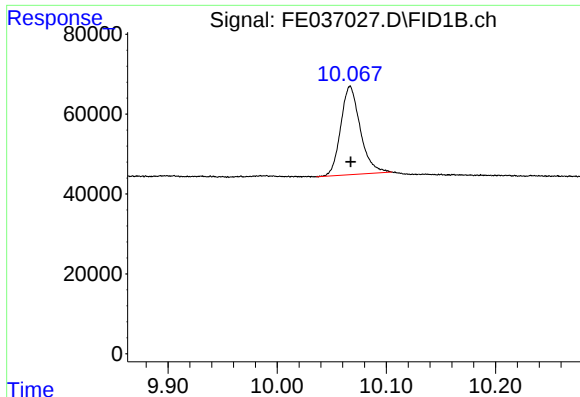
#4 n-Dodecane (C12)

R.T.: 6.634 min
Delta R.T.: -0.001 min
Response: 313874
Conc: 2.01 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 303782
Conc: 1.92 ug/ml



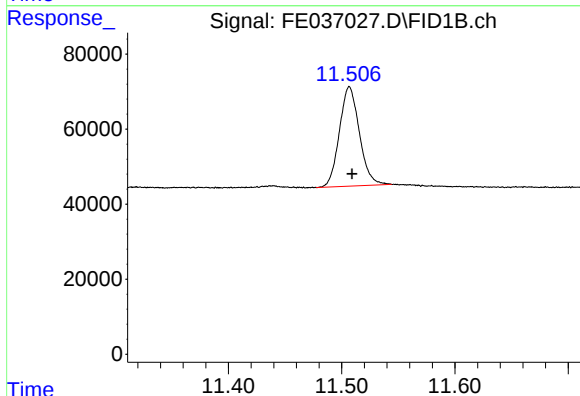
#7 n-Hexadecane (C16)

R.T.: 10.067 min
Delta R.T.: 0.000 min
Response: 275552
Conc: 1.73 ug/ml

Instrument : FID_E
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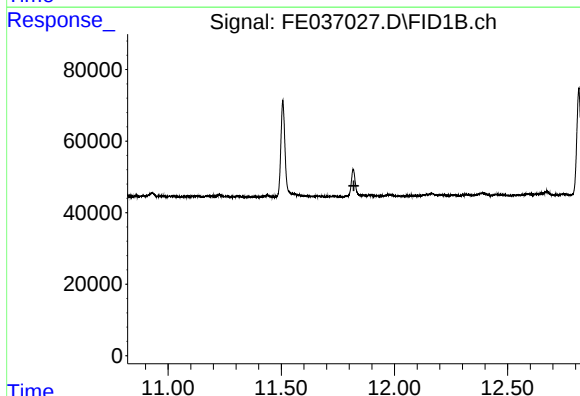
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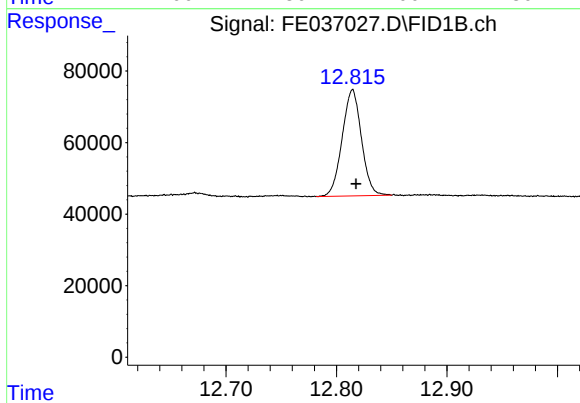
#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: -0.002 min
Response: 324422
Conc: 1.98 ug/ml



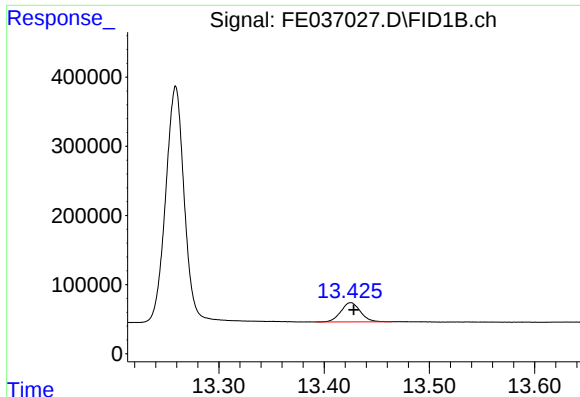
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.003 min
Response: 359876
Conc: 2.19 ug/ml



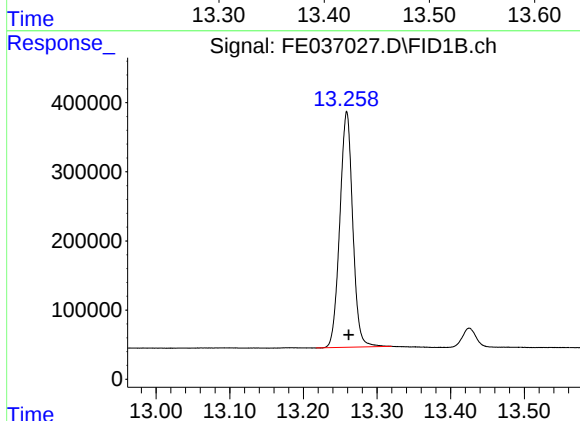
#11 n-Heneicosane (C21)

R.T.: 13.425 min
Delta R.T.: -0.003 min
Response: 356778
Conc: 2.17 ug/ml

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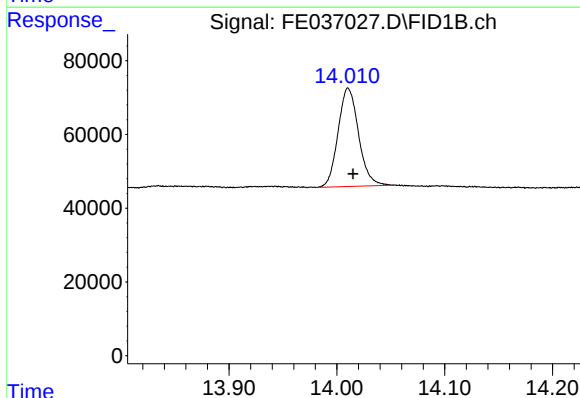
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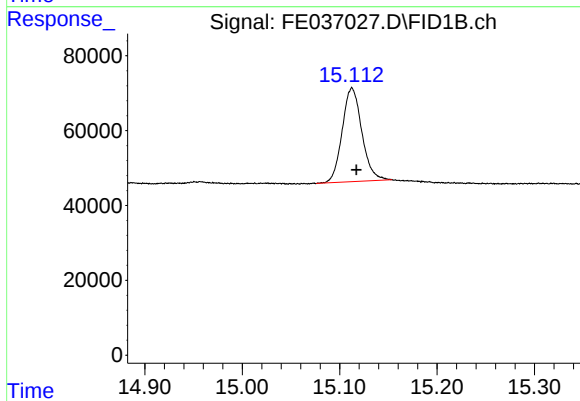
#12 1-chlorooctadecane (SURR)

R.T.: 13.259 min
Delta R.T.: -0.002 min
Response: 4157301
Conc: 28.48 ug/ml



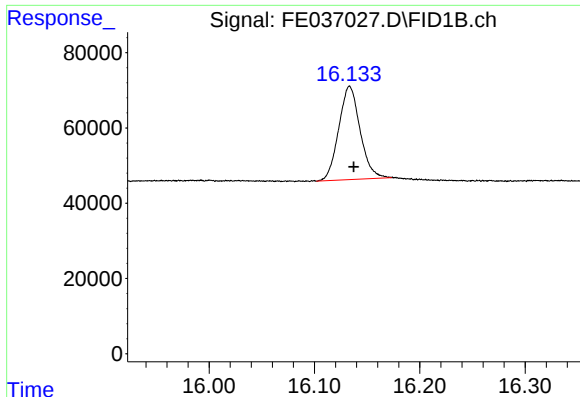
#13 n-Docosane (C22)

R.T.: 14.010 min
Delta R.T.: -0.004 min
Response: 351797
Conc: 2.16 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.113 min
Delta R.T.: -0.005 min
Response: 349816
Conc: 2.16 ug/ml



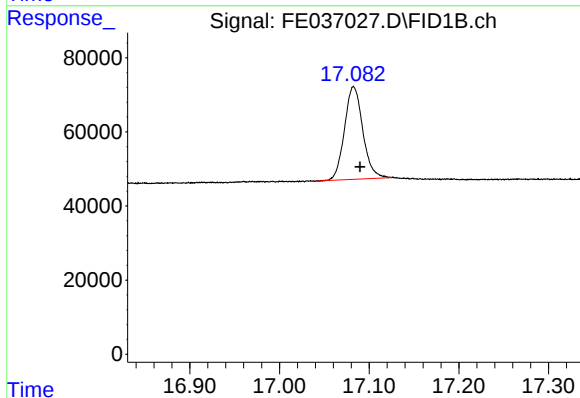
#15 n-Hexacosane (C26)

R.T.: 16.133 min
Delta R.T.: -0.004 min
Response: 349135
Conc: 2.20 ug/ml

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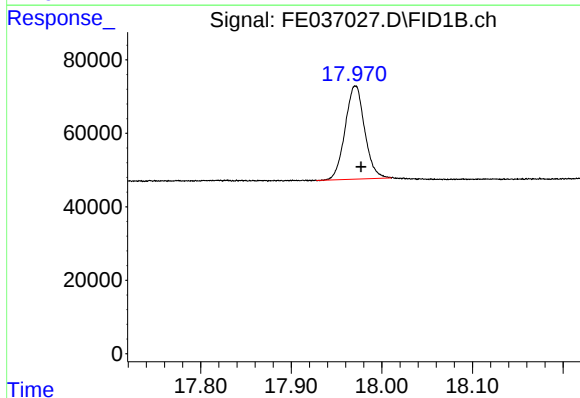
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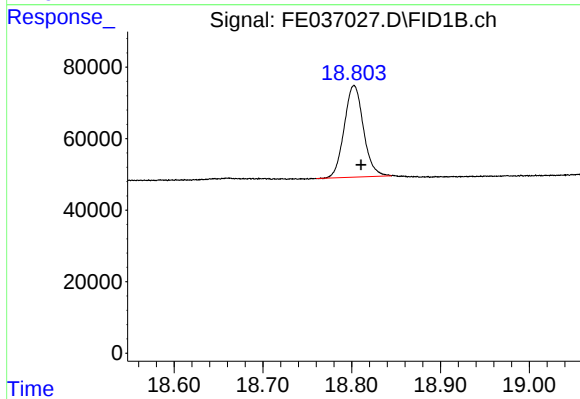
#16 n-Octacosane (C28)

R.T.: 17.083 min
Delta R.T.: -0.007 min
Response: 353817
Conc: 2.28 ug/ml



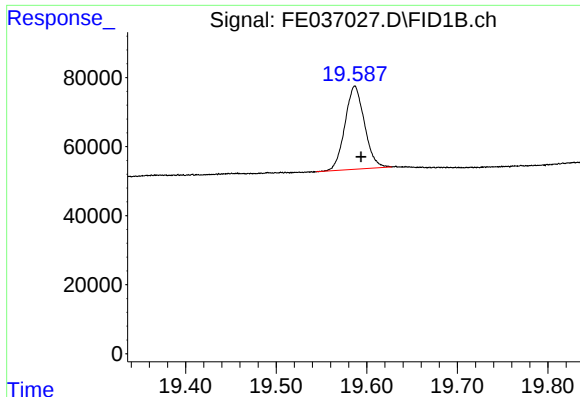
#17 n-Tricontane (C30)

R.T.: 17.971 min
Delta R.T.: -0.006 min
Response: 378881
Conc: 2.60 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.803 min
Delta R.T.: -0.008 min
Response: 385785
Conc: 3.32 ug/ml



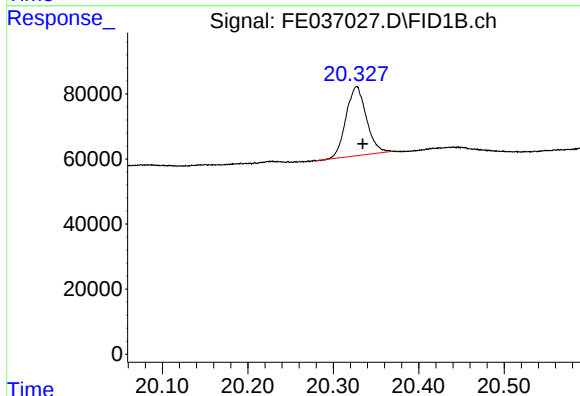
#19 n-Tetratriacontane (C34)

R.T.: 19.587 min
Delta R.T.: -0.007 min
Response: 359510
Conc: 4.36 ug/ml

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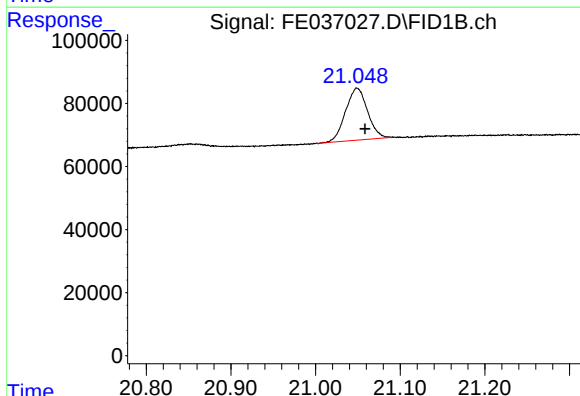
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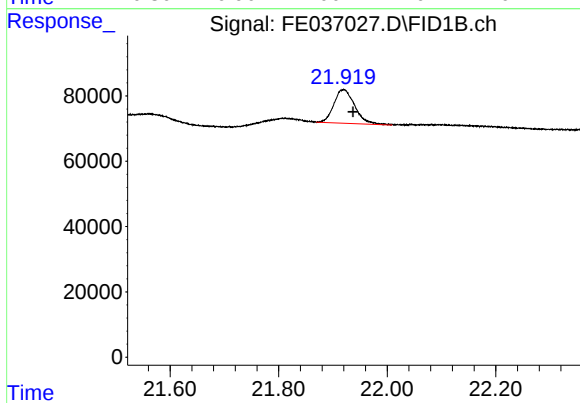
#20 n-Hexatriacontane (C36)

R.T.: 20.327 min
Delta R.T.: -0.007 min
Response: 350096
Conc: 5.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.049 min
Delta R.T.: -0.009 min
Response: 297066
Conc: 5.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.919 min
Delta R.T.: -0.017 min
Response: 275956
Conc: 5.73 ug/ml m