

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051424AL\
 Data File : FE048154.D
 Signal(s) : FID1B.ch
 Acq On : 14 May 2024 11:58
 Operator : YP\AJ
 Sample : P2403-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-SOIL-03-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/15/2024
 Supervised By :Ankita Jodhani 05/15/2024

Integration File: autoint1.e
 Quant Time: May 15 05:54:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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...	13.390	4614657	41.298 ug/ml
Spiked Amount 50.000		Recovery =	82.60%
Target Compounds			
1) T n-Nonane (C9)	3.345	201573	1.564 ug/ml
2) T n-Decane (C10)	4.593	248856	1.890 ug/ml
4) T n-Dodecane (C12)	6.757	378011	2.836 ug/ml
6) T n-Tetradecane (C14)	8.585	322816	2.436 ug/ml
7) T n-Hexadecane (C16)	10.191	288935	2.101 ug/ml
8) T n-Octadecane (C18)	11.634	334769	2.403 ug/ml
10) T n-Eicosane (C20)	12.942	324574	2.411 ug/ml
11) T n-Heneicosane (C21)	13.554	279489	2.111 ug/ml
13) T n-Docosane (C22)	14.140	311597	2.351 ug/ml
14) T n-Tetracosane (C24)	15.241	332097	2.494 ug/mlm
15) T n-Hexacosane (C26)	16.260	320929	2.405 ug/mlm
16) T n-Octacosane (C28)	17.209	352758	2.649 ug/ml
17) T n-Tricontane (C30)	18.096	423627	3.069 ug/ml
18) T n-Dotriacontane (C32)	18.927	478221	3.462 ug/ml
19) T n-Tetratriacontane (C34)	19.710	406774	2.986 ug/ml
20) T n-Hexatriacontane (C36)	20.447	341550	2.523 ug/mlm
21) T n-Octatriacontane (C38)	21.187	291506	2.111 ug/ml
22) T n-Tetracontane (C40)	22.105	275699	1.979 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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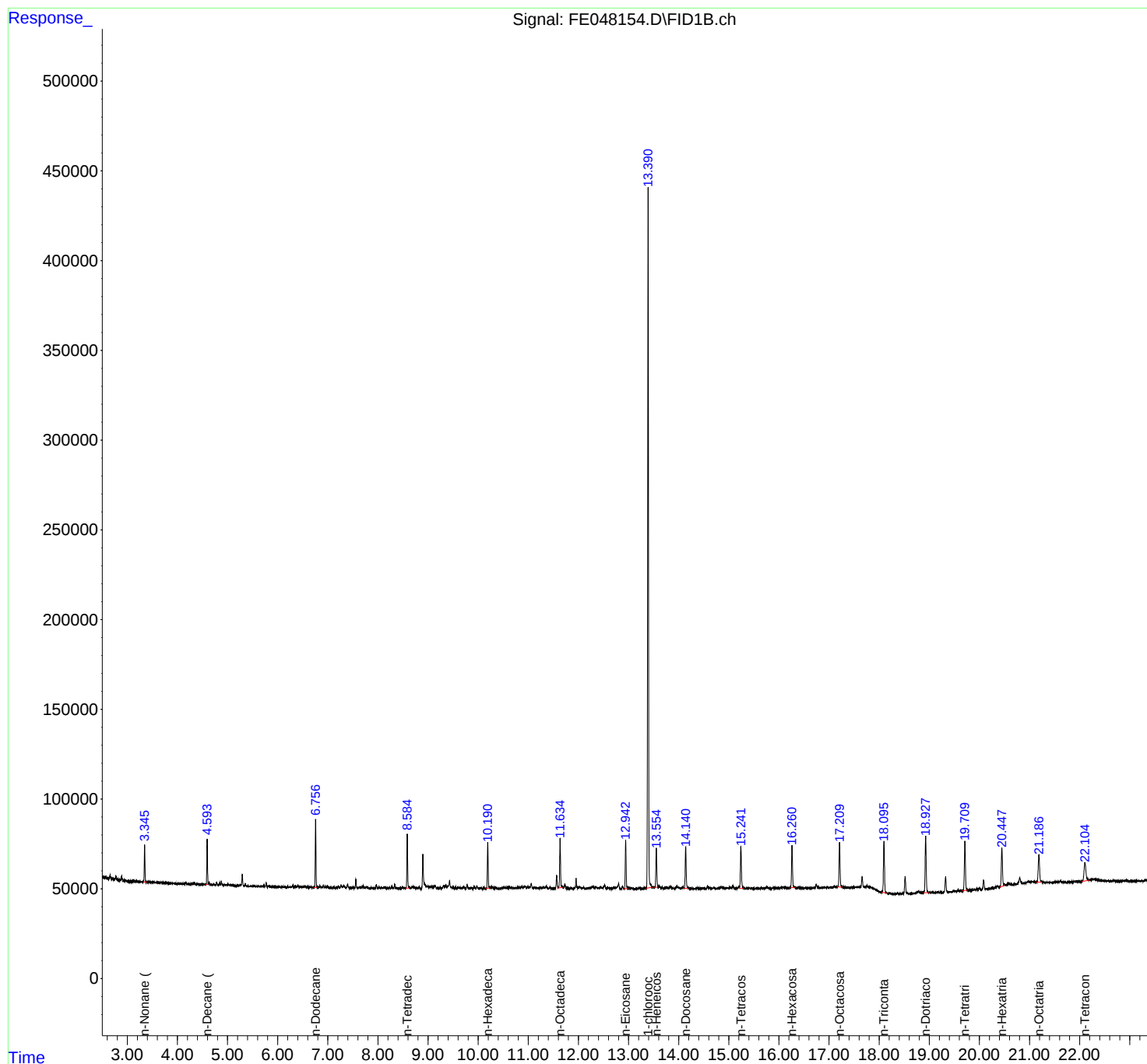
Instrument :
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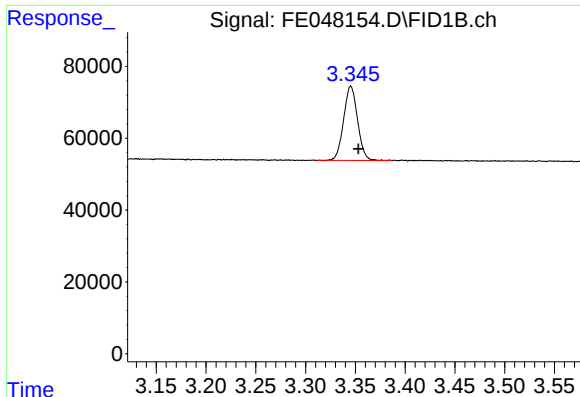
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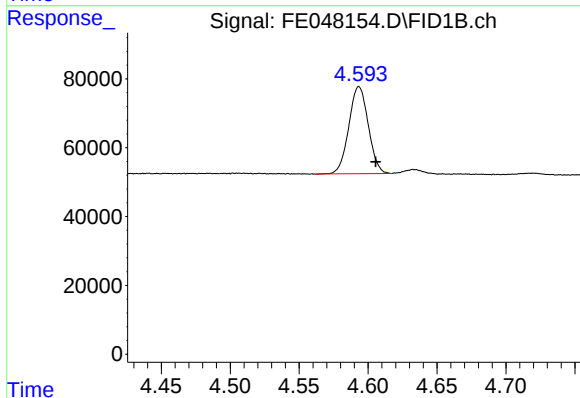
#1 n-Nonane (C9)

R.T.: 3.345 min
Delta R.T.: -0.008 min
Response: 201573
Conc: 1.56 ug/ml

Instrument :
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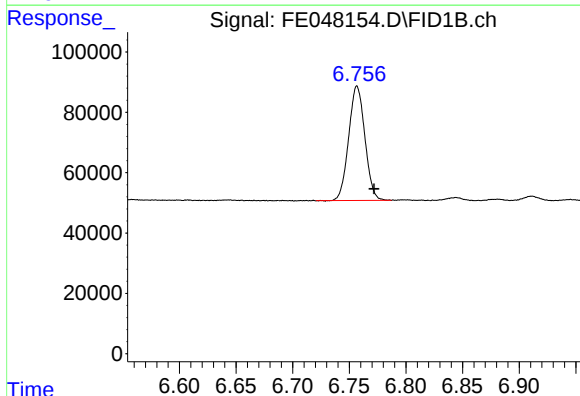
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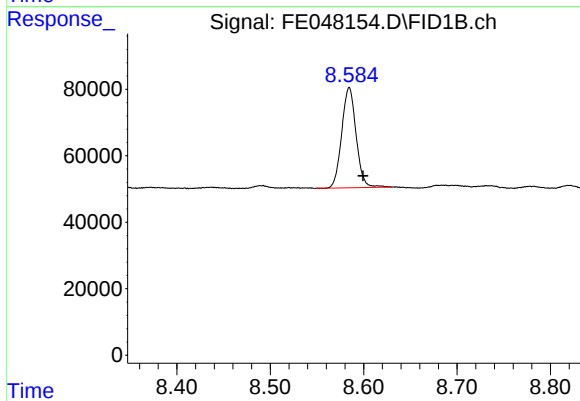
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.012 min
Response: 248856
Conc: 1.89 ug/ml



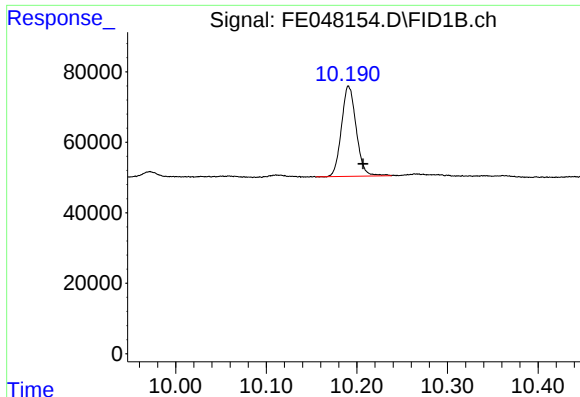
#4 n-Dodecane (C12)

R.T.: 6.757 min
Delta R.T.: -0.015 min
Response: 378011
Conc: 2.84 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.015 min
Response: 322816
Conc: 2.44 ug/ml



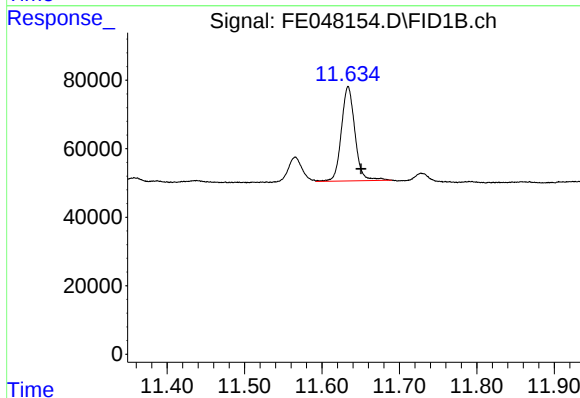
#7 n-Hexadecane (C16)

R.T.: 10.191 min
Delta R.T.: -0.016 min
Response: 288935
Conc: 2.10 ug/ml

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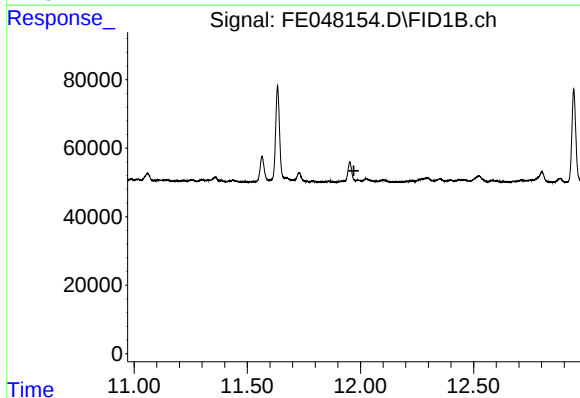
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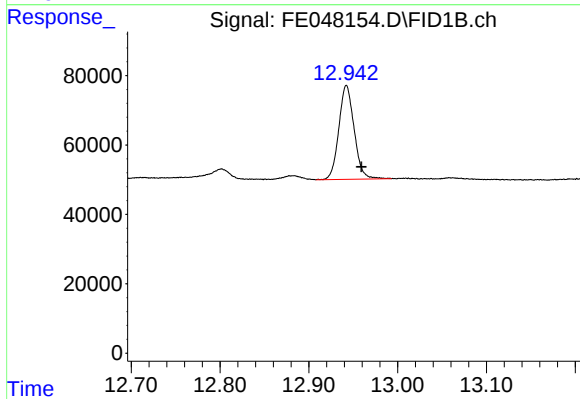
#8 n-Octadecane (C18)

R.T.: 11.634 min
Delta R.T.: -0.017 min
Response: 334769
Conc: 2.40 ug/ml



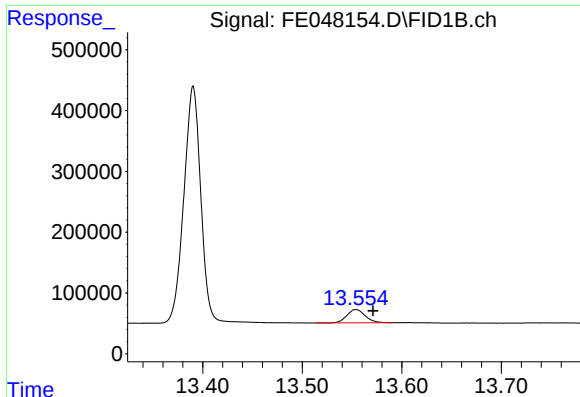
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.971 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: -0.017 min
Response: 324574
Conc: 2.41 ug/ml



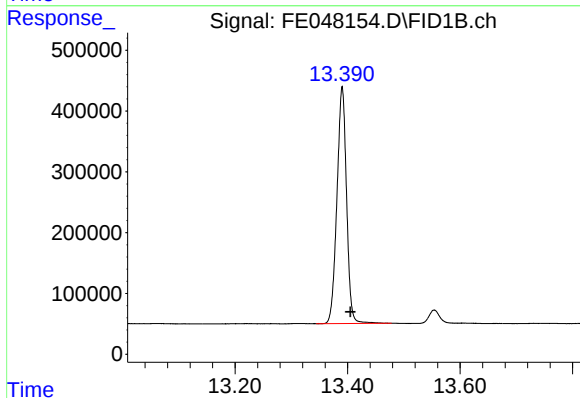
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: -0.017 min
Response: 279489
Conc: 2.11 ug/ml

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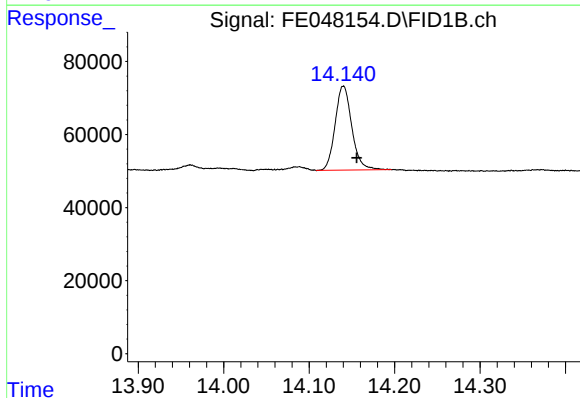
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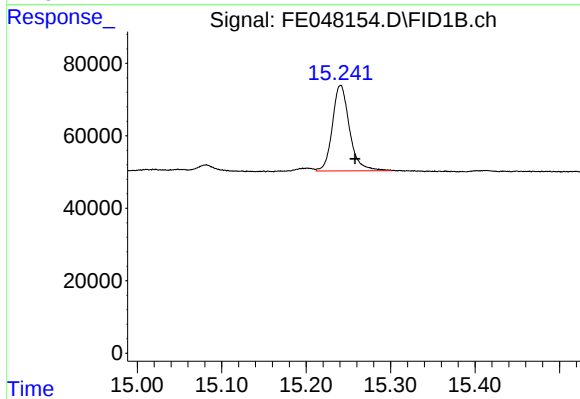
#12 1-chlorooctadecane (SURR)

R.T.: 13.390 min
Delta R.T.: -0.014 min
Response: 4614657
Conc: 41.30 ug/ml



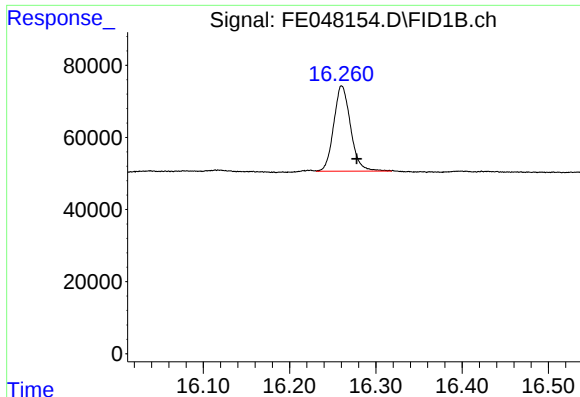
#13 n-Docosane (C22)

R.T.: 14.140 min
Delta R.T.: -0.015 min
Response: 311597
Conc: 2.35 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: -0.017 min
Response: 332097
Conc: 2.49 ug/ml m



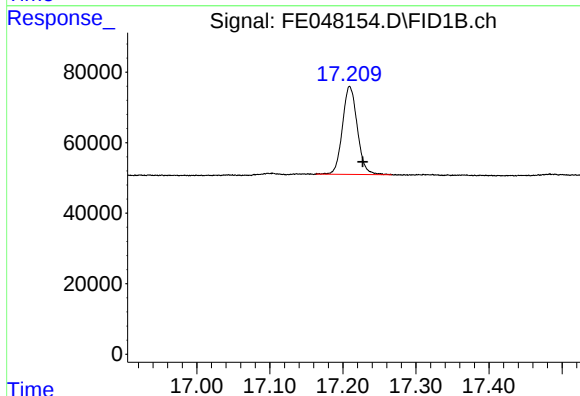
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: -0.018 min
Response: 320929
Conc: 2.40 ug/ml

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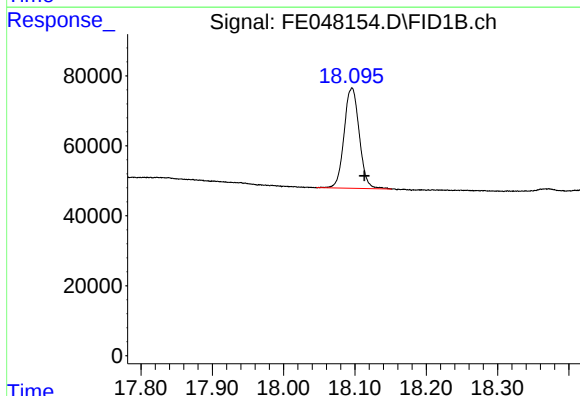
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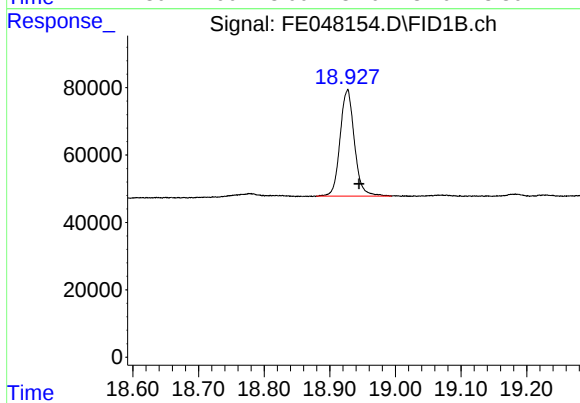
#16 n-Octacosane (C28)

R.T.: 17.209 min
Delta R.T.: -0.018 min
Response: 352758
Conc: 2.65 ug/ml



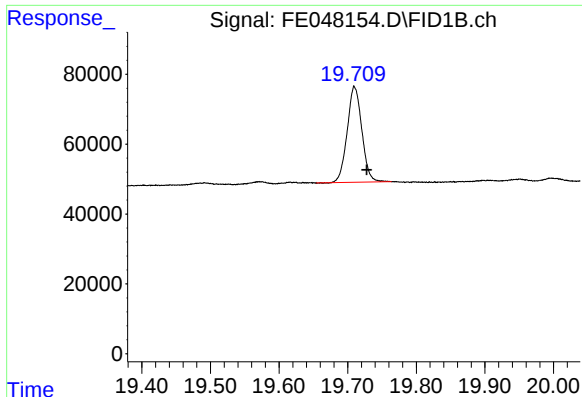
#17 n-Tricontane (C30)

R.T.: 18.096 min
Delta R.T.: -0.017 min
Response: 423627
Conc: 3.07 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.018 min
Response: 478221
Conc: 3.46 ug/ml



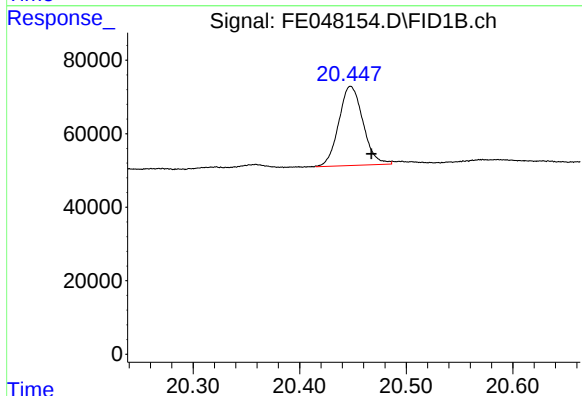
#19 n-Tetratriacontane (C34)

R.T.: 19.710 min
Delta R.T.: -0.018 min
Response: 406774
Conc: 2.99 ug/ml

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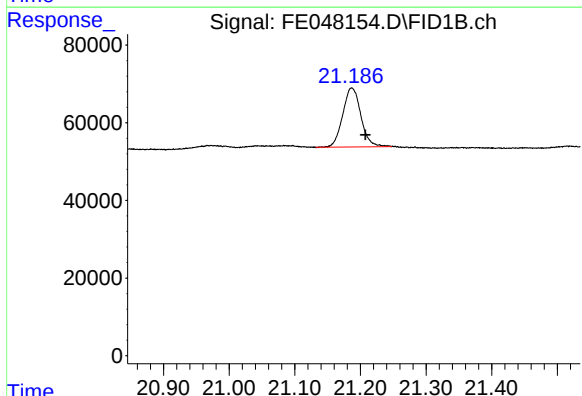
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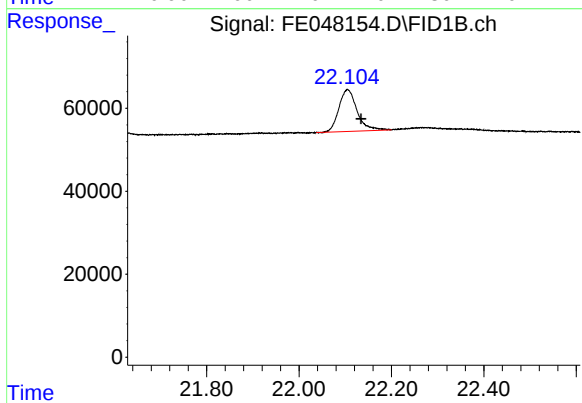
#20 n-Hexatriacontane (C36)

R.T.: 20.447 min
Delta R.T.: -0.021 min
Response: 341550
Conc: 2.52 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: -0.021 min
Response: 291506
Conc: 2.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.105 min
Delta R.T.: -0.029 min
Response: 275699
Conc: 1.98 ug/ml