

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF032025AL\
 Data File : FF015701.D
 Signal(s) : FID2B.ch
 Acq On : 20 Mar 2025 14:58
 Operator : YP\AJ
 Sample : Q1574-01MS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_F
ClientSampleId :
 WC1MS

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 03/21/2025
 Supervised By :mohammad ahmed 03/24/2025

Integration File: autoint1.e
 Quant Time: Mar 21 00:16:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 031725.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 18 02:31:19 2025
 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...	13.380	4949834	43.614 ug/mlm
Spiked Amount 50.000		Recovery =	87.23%
Target Compounds			
1) T n-Nonane (C9)	3.311	2298235	18.145 ug/ml
2) T n-Decane (C10)	4.567	3086917	24.038 ug/ml
4) T n-Dodecane (C12)	6.734	4203757	32.257 ug/ml
6) T n-Tetradecane (C14)	8.562	4668957	36.052 ug/ml
7) T n-Hexadecane (C16)	10.170	4797433	35.876 ug/ml
8) T n-Octadecane (C18)	11.614	5085264	36.929 ug/ml
10) T n-Eicosane (C20)	12.931	5315123	39.437 ug/ml
11) T n-Heneicosane (C21)	13.549	4427098	33.126 ug/mlm
13) T n-Docosane (C22)	14.142	4860642	36.323 ug/mlm
14) T n-Tetracosane (C24)	15.256	6498588	48.543 ug/mlm
15) T n-Hexacosane (C26)	16.284	5400042	41.288 ug/mlm
16) T n-Octacosane (C28)	17.243	5708777	43.701 ug/mlm
17) T n-Tricontane (C30)	18.130	4435401	32.891 ug/mlm
18) T n-Dotriacontane (C32)	18.955	5026766	38.548 ug/mlm
19) T n-Tetratriacontane (C34)	19.737	5852980	50.140 ug/mlm
20) T n-Hexatriacontane (C36)	20.473	3796915	38.249 ug/mlm
21) T n-Octatriacontane (C38)	21.210	3847371	44.034 ug/mlm
22) T n-Tetracontane (C40)	22.125	4506427	56.152 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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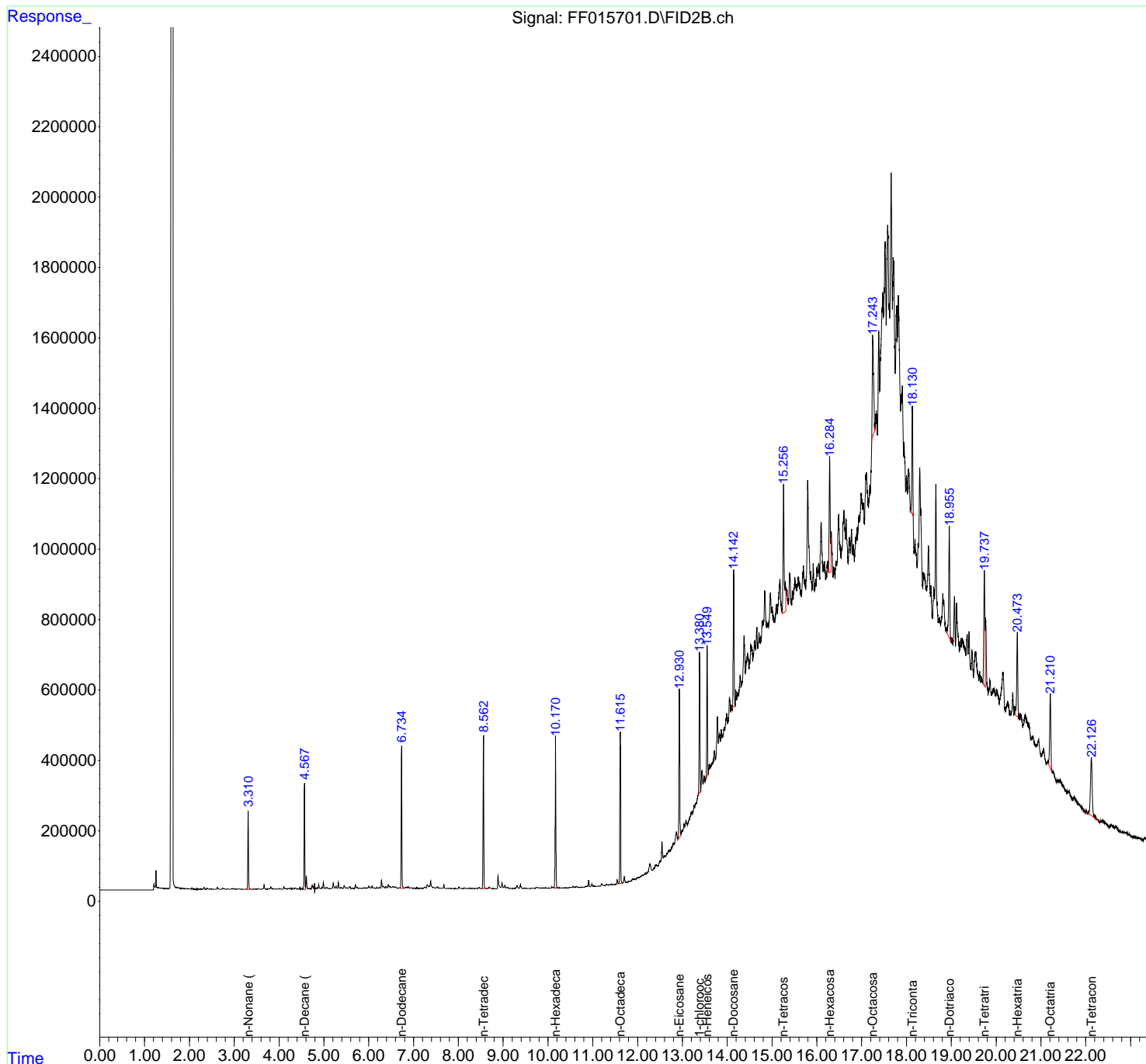
APPROVED

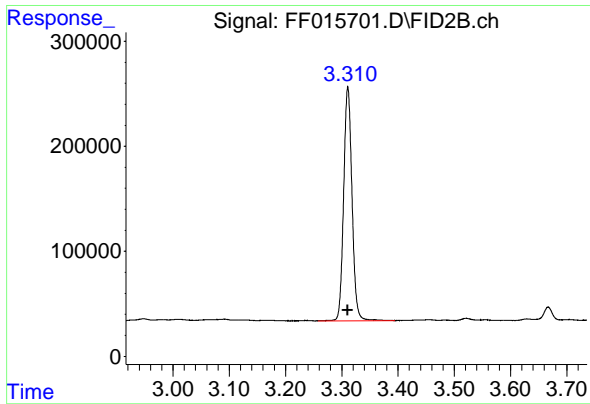
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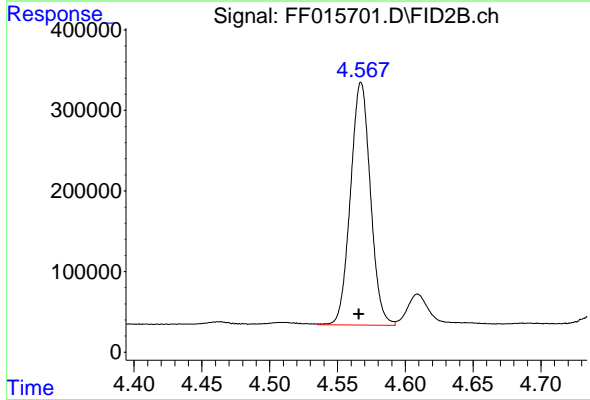
#1 n-Nonane (C9)

R.T.: 3.311 min
 Delta R.T.: 0.000 min
 Response: 2298235
 Conc: 18.14 ug/ml

Instrument : FID_F
 Client Sample Id : WC1MS

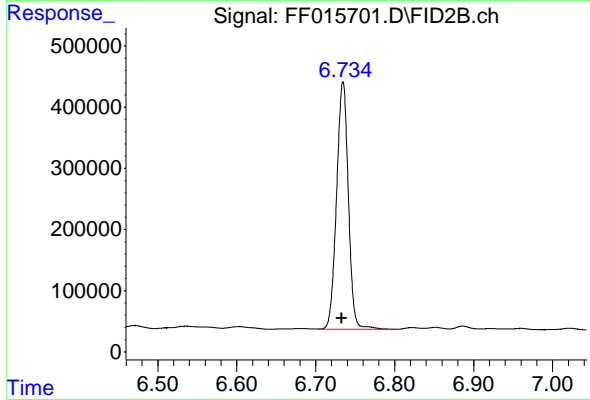
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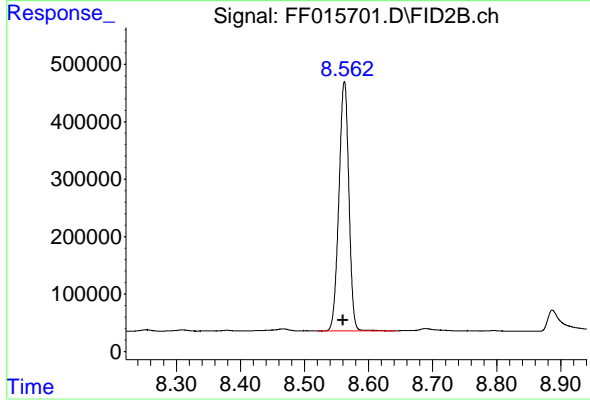
#2 n-Decane (C10)

R.T.: 4.567 min
 Delta R.T.: 0.001 min
 Response: 3086917
 Conc: 24.04 ug/ml



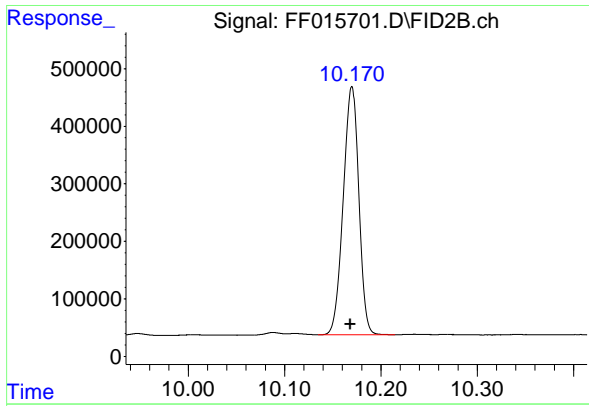
#4 n-Dodecane (C12)

R.T.: 6.734 min
 Delta R.T.: 0.002 min
 Response: 4203757
 Conc: 32.26 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.562 min
 Delta R.T.: 0.002 min
 Response: 4668957
 Conc: 36.05 ug/ml



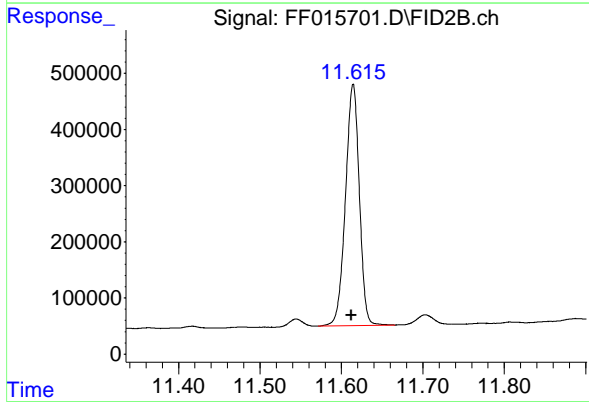
#7 n-Hexadecane (C16)

R.T.: 10.170 min
 Delta R.T.: 0.001 min
 Response: 4797433
 Conc: 35.88 ug/ml

Instrument :
 FID_F
 ClientSampleId :
 WC1MS

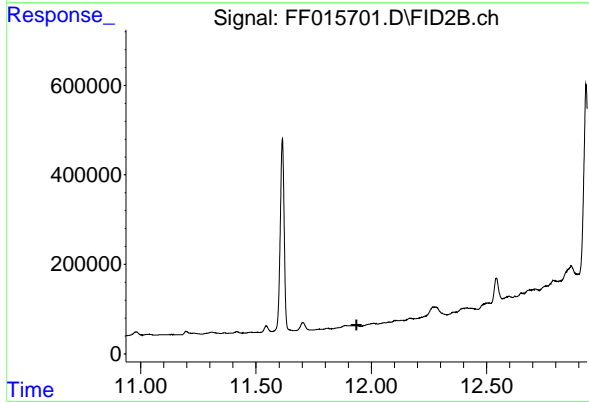
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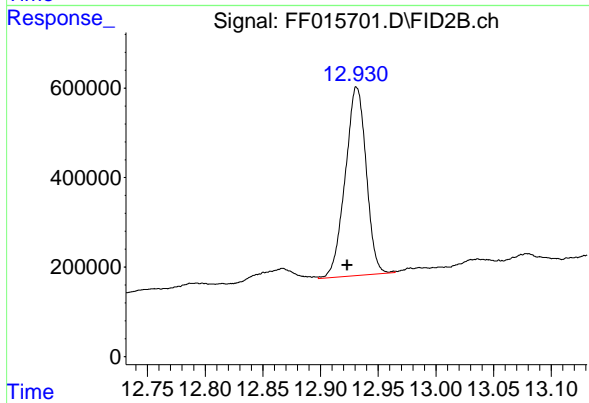
#8 n-Octadecane (C18)

R.T.: 11.614 min
 Delta R.T.: 0.002 min
 Response: 5085264
 Conc: 36.93 ug/ml



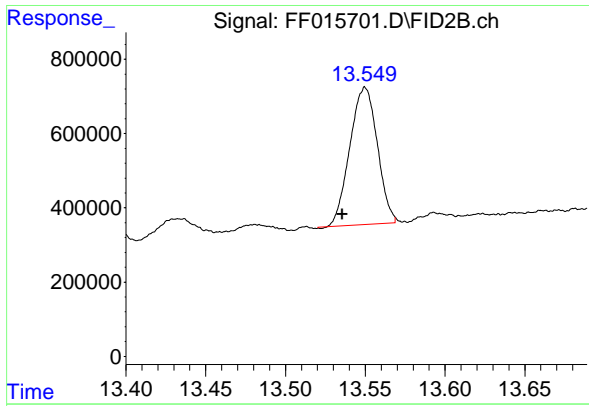
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
 Exp R.T. : 11.936 min
 Response: 0
 Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.931 min
 Delta R.T.: 0.008 min
 Response: 5315123
 Conc: 39.44 ug/ml



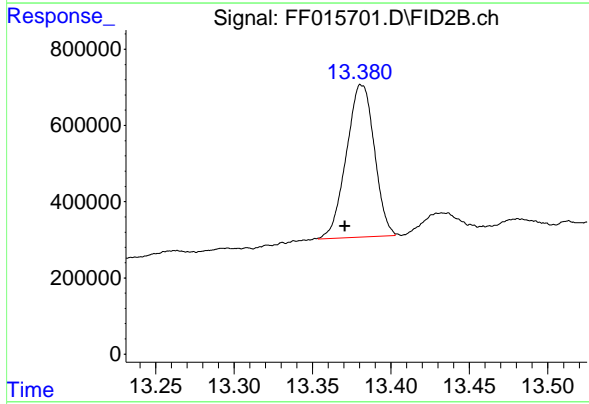
#11 n-Heneicosane (C21)

R.T.: 13.549 min
 Delta R.T.: 0.014 min
 Response: 4427098
 Conc: 33.13 ug/ml

Instrument : FID_F
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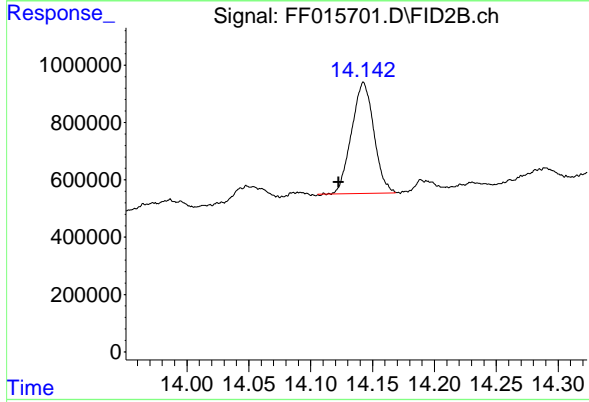
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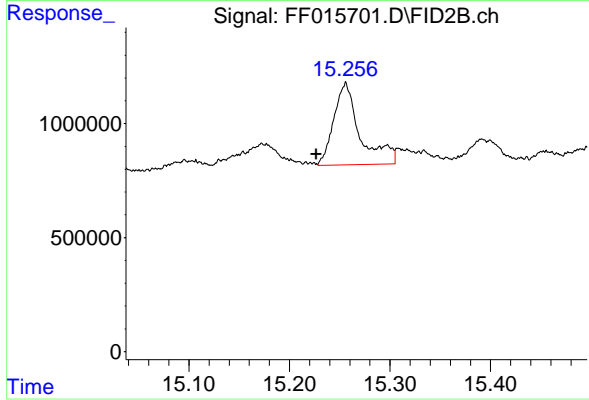
#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
 Delta R.T.: 0.009 min
 Response: 4949834
 Conc: 43.61 ug/ml m



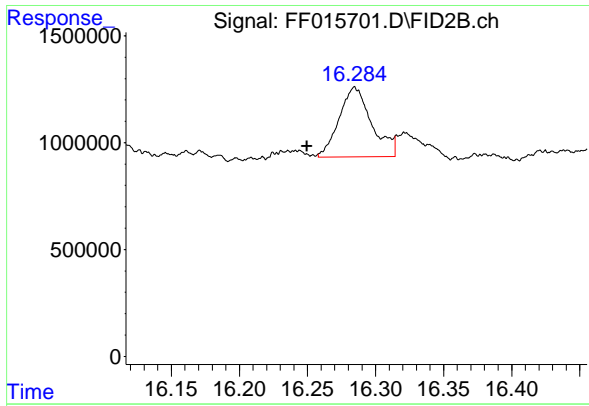
#13 n-Docosane (C22)

R.T.: 14.142 min
 Delta R.T.: 0.020 min
 Response: 4860642
 Conc: 36.32 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 15.256 min
 Delta R.T.: 0.029 min
 Response: 6498588
 Conc: 48.54 ug/ml m



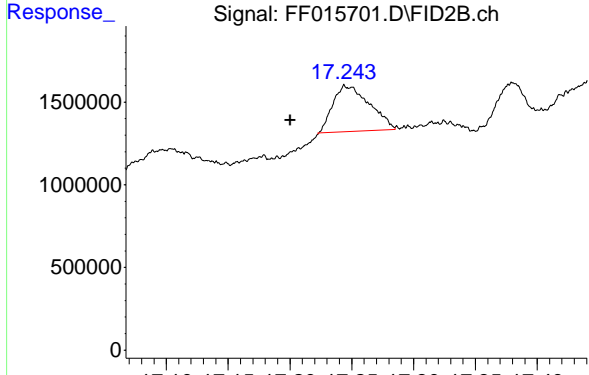
#15 n-Hexacosane (C26)

R.T.: 16.284 min
 Delta R.T.: 0.035 min
 Response: 5400042
 Conc: 41.29 ug/ml

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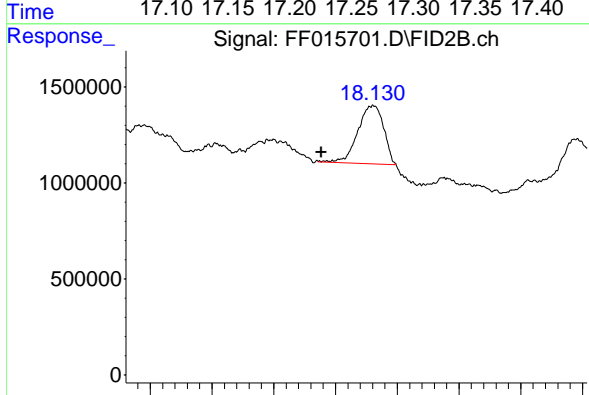
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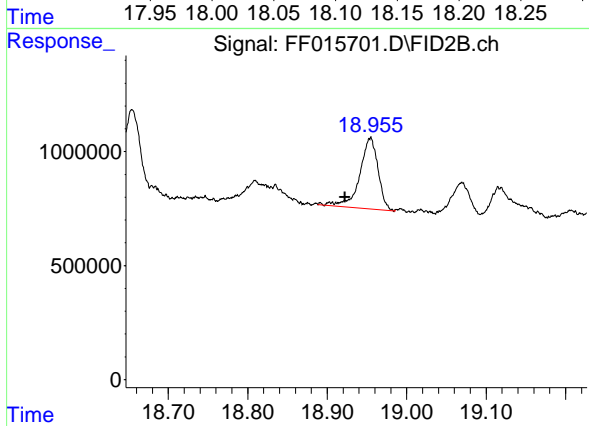
#16 n-Octacosane (C28)

R.T.: 17.243 min
 Delta R.T.: 0.043 min
 Response: 5708777
 Conc: 43.70 ug/ml m



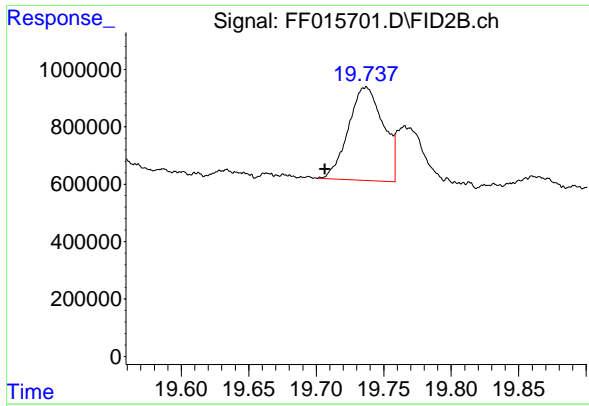
#17 n-Tricontane (C30)

R.T.: 18.130 min
 Delta R.T.: 0.041 min
 Response: 4435401
 Conc: 32.89 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.955 min
 Delta R.T.: 0.032 min
 Response: 5026766
 Conc: 38.55 ug/ml m



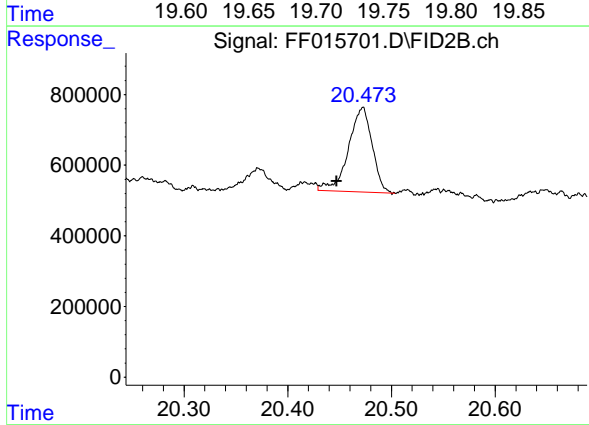
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
 Delta R.T.: 0.030 min
 Response: 5852980
 Conc: 50.14 ug/ml

Instrument : FID_F
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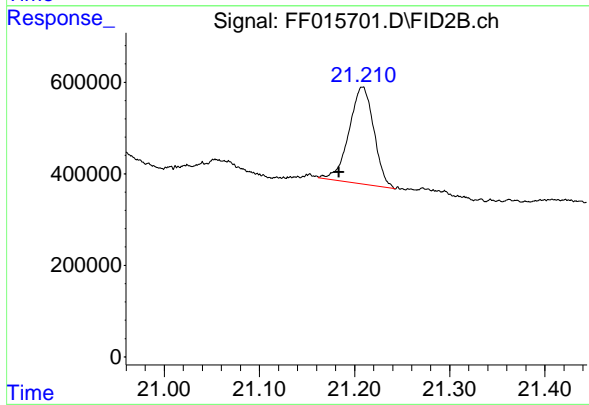
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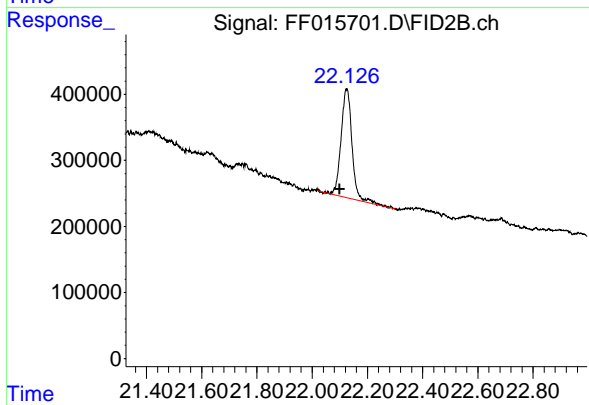
#20 n-Hexatriacontane (C36)

R.T.: 20.473 min
 Delta R.T.: 0.026 min
 Response: 3796915
 Conc: 38.25 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.210 min
 Delta R.T.: 0.026 min
 Response: 3847371
 Conc: 44.03 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.125 min
 Delta R.T.: 0.026 min
 Response: 4506427
 Conc: 56.15 ug/ml