

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF090925AL\
 Data File : FF016354.D
 Signal(s) : FID2B.ch
 Acq On : 09 Sep 2025 10:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/10/2025
 Supervised By :mohammad ahmed 09/11/2025

Integration File: autoint1.e
 Quant Time: Sep 10 01:29:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 082825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 03:35:42 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			
9) S ortho-Terphenyl (SURR)	11.970	3035356	20.987 ug/ml
Spiked Amount 50.000		Recovery =	41.97%
12) S 1-chlorooctadecane (S...	13.410	2297374	20.596 ug/mlm
Spiked Amount 50.000		Recovery =	41.19%
Target Compounds			
1) T n-Nonane (C9)	3.329	2464955	21.083 ug/ml
2) T n-Decane (C10)	4.589	2504133	21.141 ug/ml
3) T A~Naphthalene (C11.7)	6.298	2760117	21.133 ug/ml
4) T n-Dodecane (C12)	6.766	2538766	21.151 ug/ml
5) T A~2-methylnaphthalene...	7.397	2677336	21.028 ug/ml
6) T n-Tetradecane (C14)	8.599	2540019	21.079 ug/ml
7) T n-Hexadecane (C16)	10.208	2636308	21.110 ug/mlm
8) T n-Octadecane (C18)	11.653	2740720	21.158 ug/mlm
10) T n-Eicosane (C20)	12.965	2712837	21.216 ug/ml
11) T n-Heneicosane (C21)	13.578	2684341	21.142 ug/ml
13) T n-Docosane (C22)	14.165	2699335	21.261 ug/ml
14) T n-Tetracosane (C24)	15.270	2737512	21.401 ug/ml
15) T n-Hexacosane (C26)	16.293	2675583	21.404 ug/mlm
16) T n-Octacosane (C28)	17.247	2607618	21.282 ug/ml
17) T n-Tricontane (C30)	18.137	2608967	20.949 ug/ml
18) T n-Dotriacontane (C32)	18.972	2435595	20.208 ug/ml
19) T n-Tetratriacontane (C34)	19.757	2211373	20.279 ug/ml
20) T n-Hexatriacontane (C36)	20.501	1858576	19.914 ug/ml
21) T n-Octatriacontane (C38)	21.258	1594045	18.954 ug/ml
22) T n-Tetracontane (C40)	22.206	1424219	18.141 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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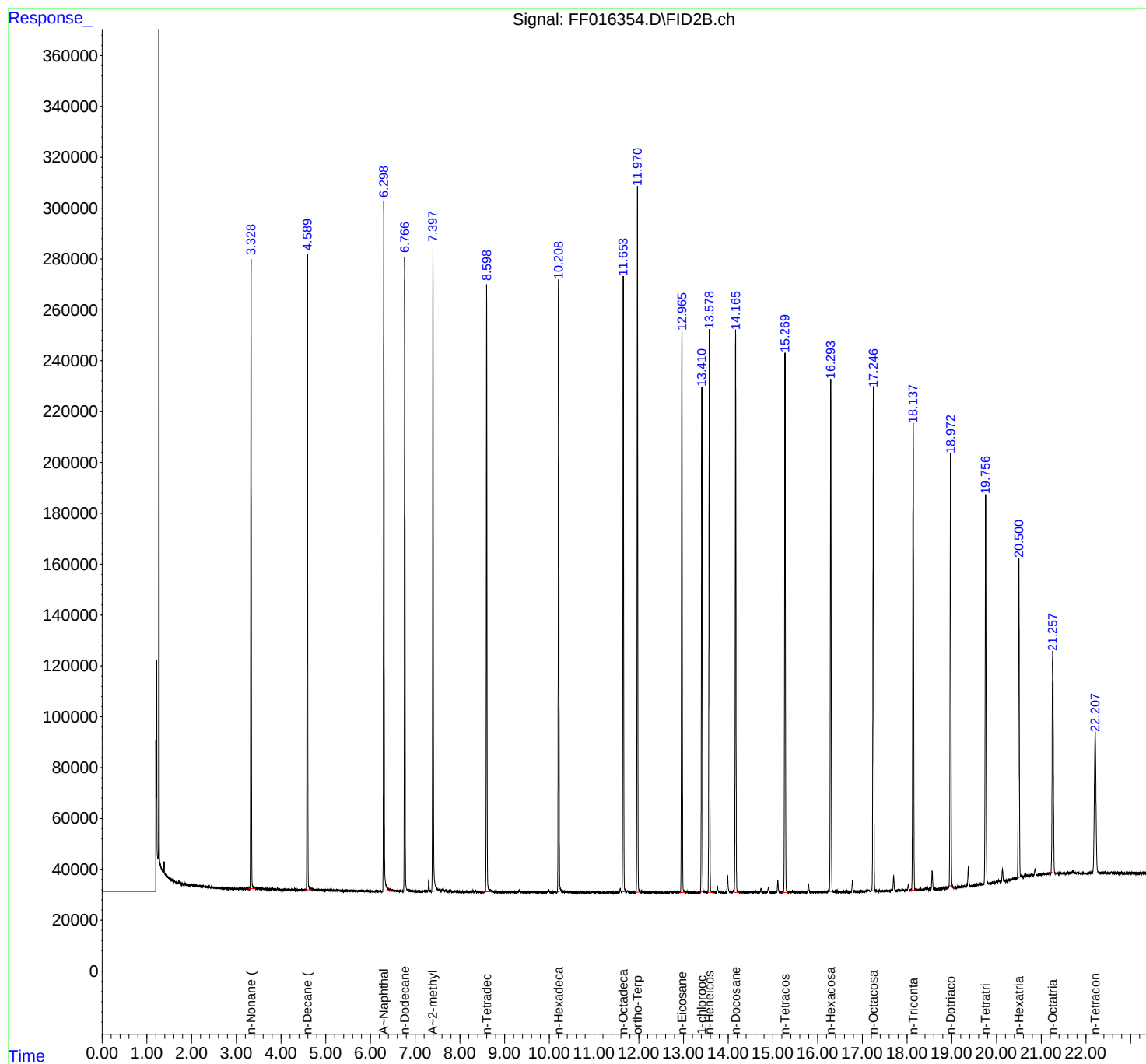
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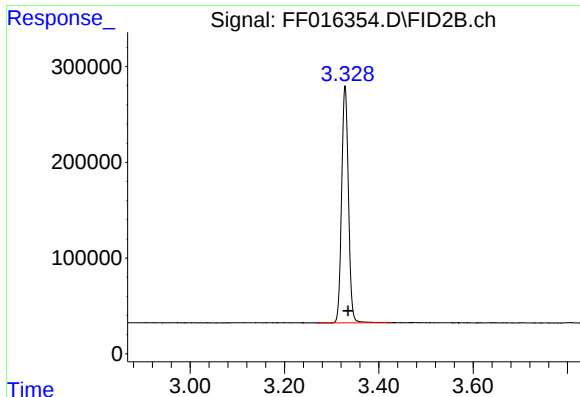
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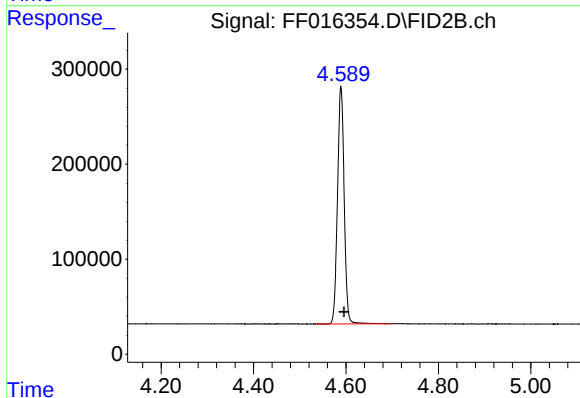
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 2464955
Conc: 21.08 ug/ml

Instrument :
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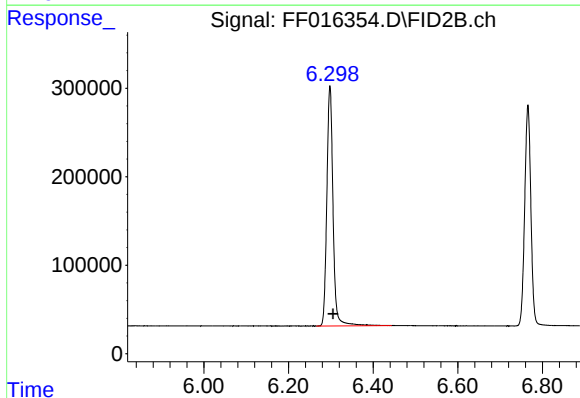
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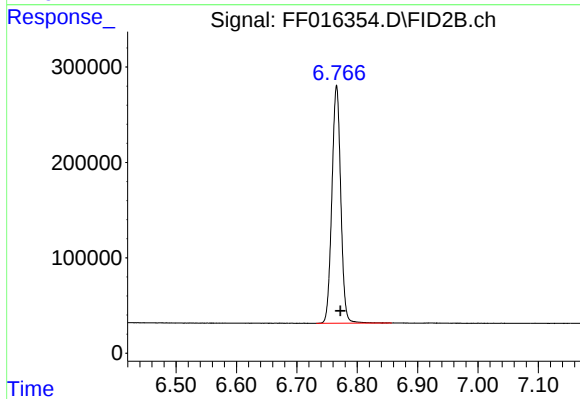
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: -0.006 min
Response: 2504133
Conc: 21.14 ug/ml



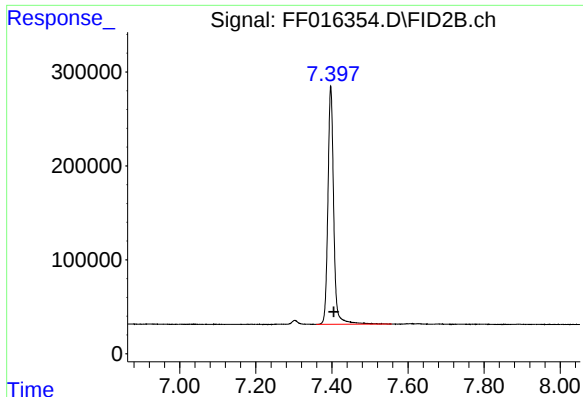
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.007 min
Response: 2760117
Conc: 21.13 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.766 min
Delta R.T.: -0.006 min
Response: 2538766
Conc: 21.15 ug/ml



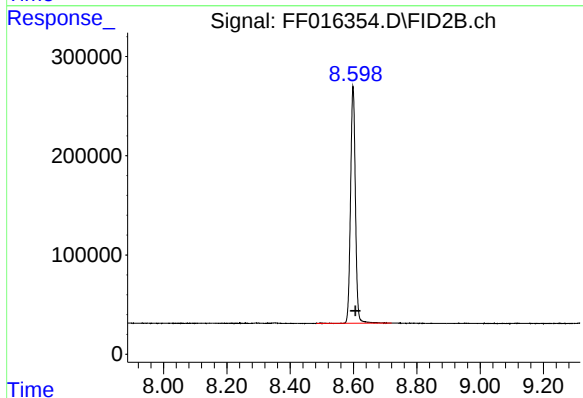
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.397 min
Delta R.T.: -0.008 min
Response: 2677336
Conc: 21.03 ug/ml

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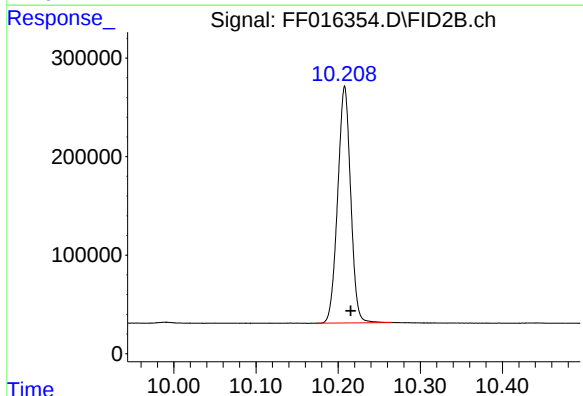
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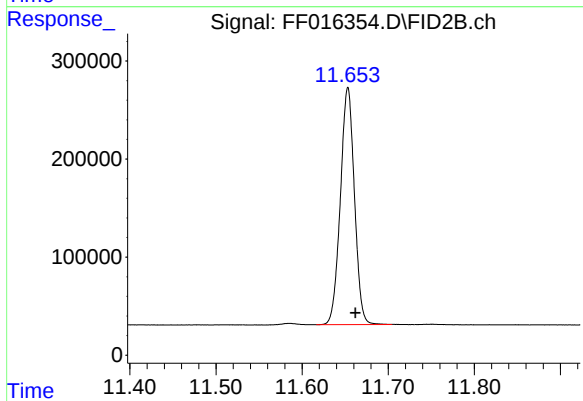
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: -0.007 min
Response: 2540019
Conc: 21.08 ug/ml



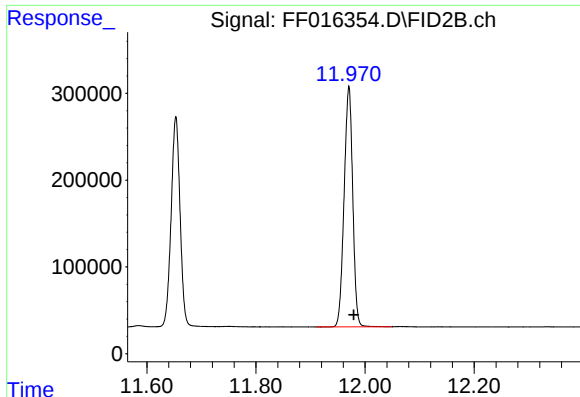
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.008 min
Response: 2636308
Conc: 21.11 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.653 min
Delta R.T.: -0.009 min
Response: 2740720
Conc: 21.16 ug/ml m



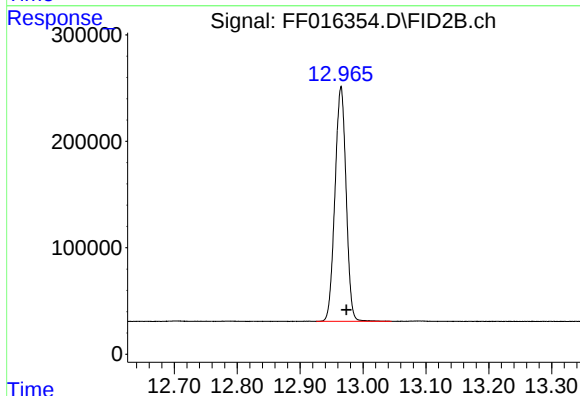
#9 ortho-Terphenyl (SURR)

R.T.: 11.970 min
Delta R.T.: -0.009 min
Response: 3035356
Conc: 20.99 ug/ml

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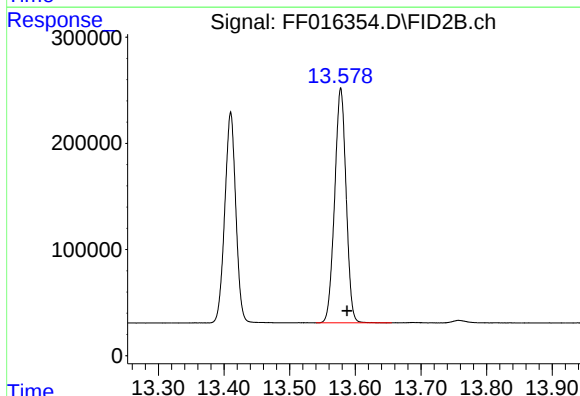
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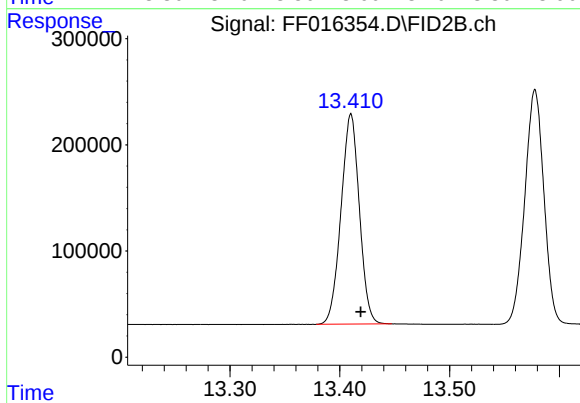
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: -0.009 min
Response: 2712837
Conc: 21.22 ug/ml



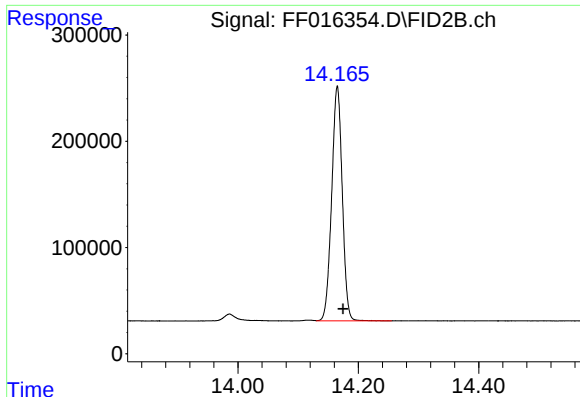
#11 n-Heneicosane (C21)

R.T.: 13.578 min
Delta R.T.: -0.010 min
Response: 2684341
Conc: 21.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min
Delta R.T.: -0.009 min
Response: 2297374
Conc: 20.60 ug/ml m



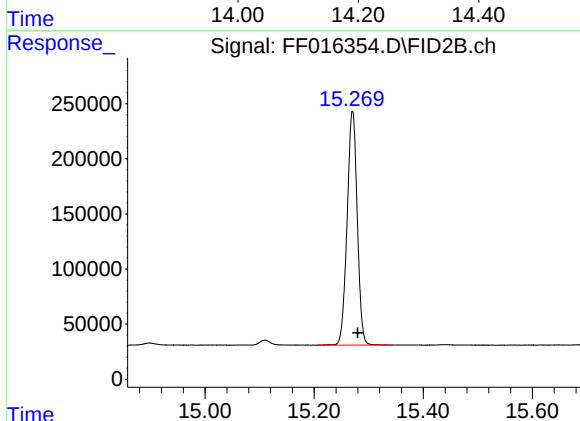
#13 n-Docosane (C22)

R.T.: 14.165 min
Delta R.T.: -0.009 min
Response: 2699335
Conc: 21.26 ug/ml

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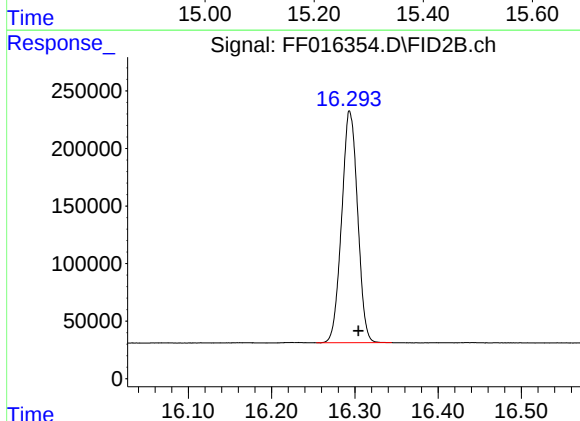
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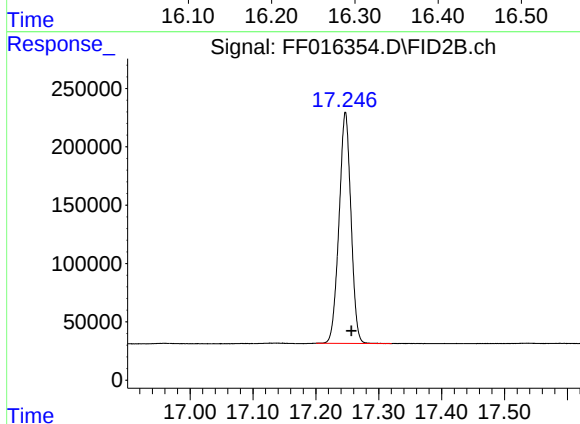
#14 n-Tetracosane (C24)

R.T.: 15.270 min
Delta R.T.: -0.010 min
Response: 2737512
Conc: 21.40 ug/ml



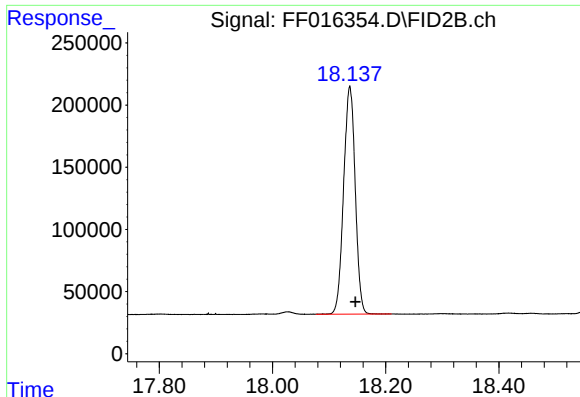
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: -0.011 min
Response: 2675583
Conc: 21.40 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.247 min
Delta R.T.: -0.009 min
Response: 2607618
Conc: 21.28 ug/ml



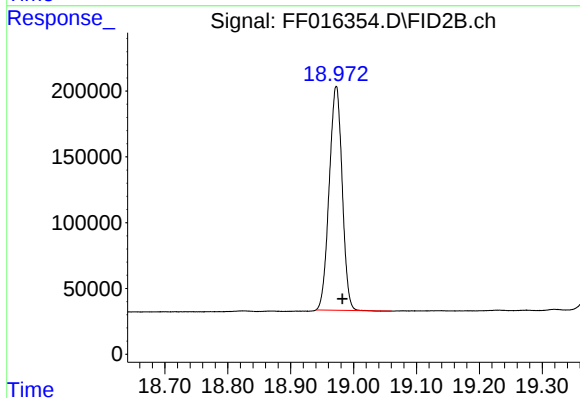
#17 n-Tricontane (C30)

R.T.: 18.137 min
Delta R.T.: -0.010 min
Response: 2608967
Conc: 20.95 ug/ml

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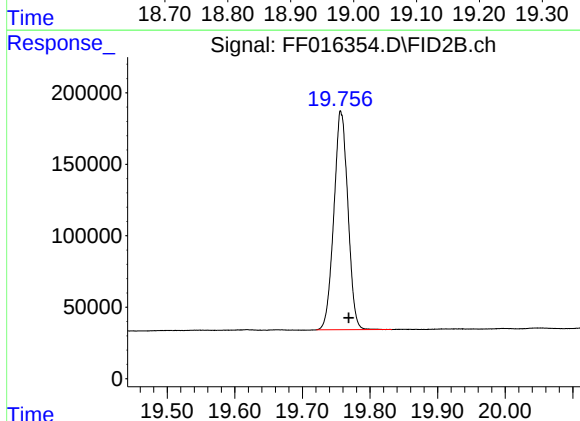
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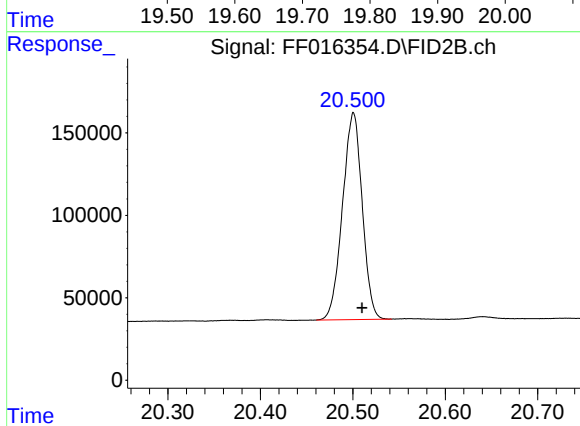
#18 n-Dotriacontane (C32)

R.T.: 18.972 min
Delta R.T.: -0.010 min
Response: 2435595
Conc: 20.21 ug/ml



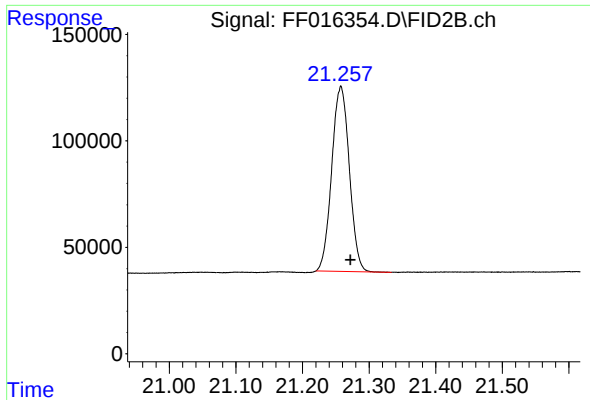
#19 n-Tetratriacontane (C34)

R.T.: 19.757 min
Delta R.T.: -0.011 min
Response: 2211373
Conc: 20.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.501 min
Delta R.T.: -0.010 min
Response: 1858576
Conc: 19.91 ug/ml



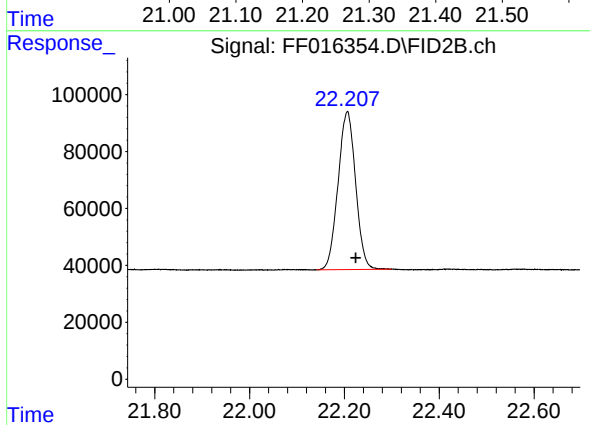
#21 n-Octatriacontane (C38)

R.T.: 21.258 min
Delta R.T.: -0.014 min
Response: 1594045
Conc: 18.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.206 min
Delta R.T.: -0.018 min
Response: 1424219
Conc: 18.14 ug/ml