

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100422AL\
 Data File : FE037936.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2022 18:07
 Operator : YP\AJ
 Sample : N4960-04MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PAT-02-100322-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/05/2022
 Supervised By :Ankita Jodhani 10/05/2022

Integration File: autoint1.e
 Quant Time: Oct 05 04:15:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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			
9) S ortho-Terphenyl (SURR)	11.610	4971466	28.743 ug/ml
Spiked Amount 50.000		Recovery =	57.49%
12) S 1-chlorooctadecane (S...	13.034	4344080	32.140 ug/ml
Spiked Amount 50.000		Recovery =	64.28%
Target Compounds			
1) T n-Nonane (C9)	3.004	4288253	29.116 ug/ml
2) T n-Decane (C10)	4.263	4686251	31.697 ug/ml
3) T A~Naphthalene (C11.7)	5.978	5131037	37.469 ug/ml
4) T n-Dodecane (C12)	6.435	5473354	35.919 ug/ml
5) T A~2-methylnaphthalene...	7.071	5376849	40.456 ug/ml
6) T n-Tetradecane (C14)	8.256	6274997	40.999 ug/ml
7) T n-Hexadecane (C16)	9.854	6641305	42.518 ug/ml
8) T n-Octadecane (C18)	11.290	6927255	43.188 ug/ml
10) T n-Eicosane (C20)	12.592	7001778	42.937 ug/ml
11) T n-Heneicosane (C21)	13.200	6515316	39.543 ug/ml
13) T n-Docosane (C22)	13.784	6564650	39.879 ug/ml
14) T n-Tetracosane (C24)	14.883	11697956	71.327 ug/ml
15) T n-Hexacosane (C26)	15.898	6191522	37.970 ug/ml
16) T n-Octacosane (C28)	16.843	6773480	42.281 ug/ml
17) T n-Tricontane (C30)	17.727	6085357	38.027 ug/ml
18) T n-Dotriacontane (C32)	18.556	5920850	37.600 ug/ml
19) T n-Tetratriacontane (C34)	19.337	5977562	40.346 ug/ml
20) T n-Hexatriacontane (C36)	20.075	5501634	38.162 ug/ml
21) T n-Octatriacontane (C38)	20.773	6111319	45.035 ug/mlm
22) T n-Tetracontane (C40)	21.548	5153095	40.482 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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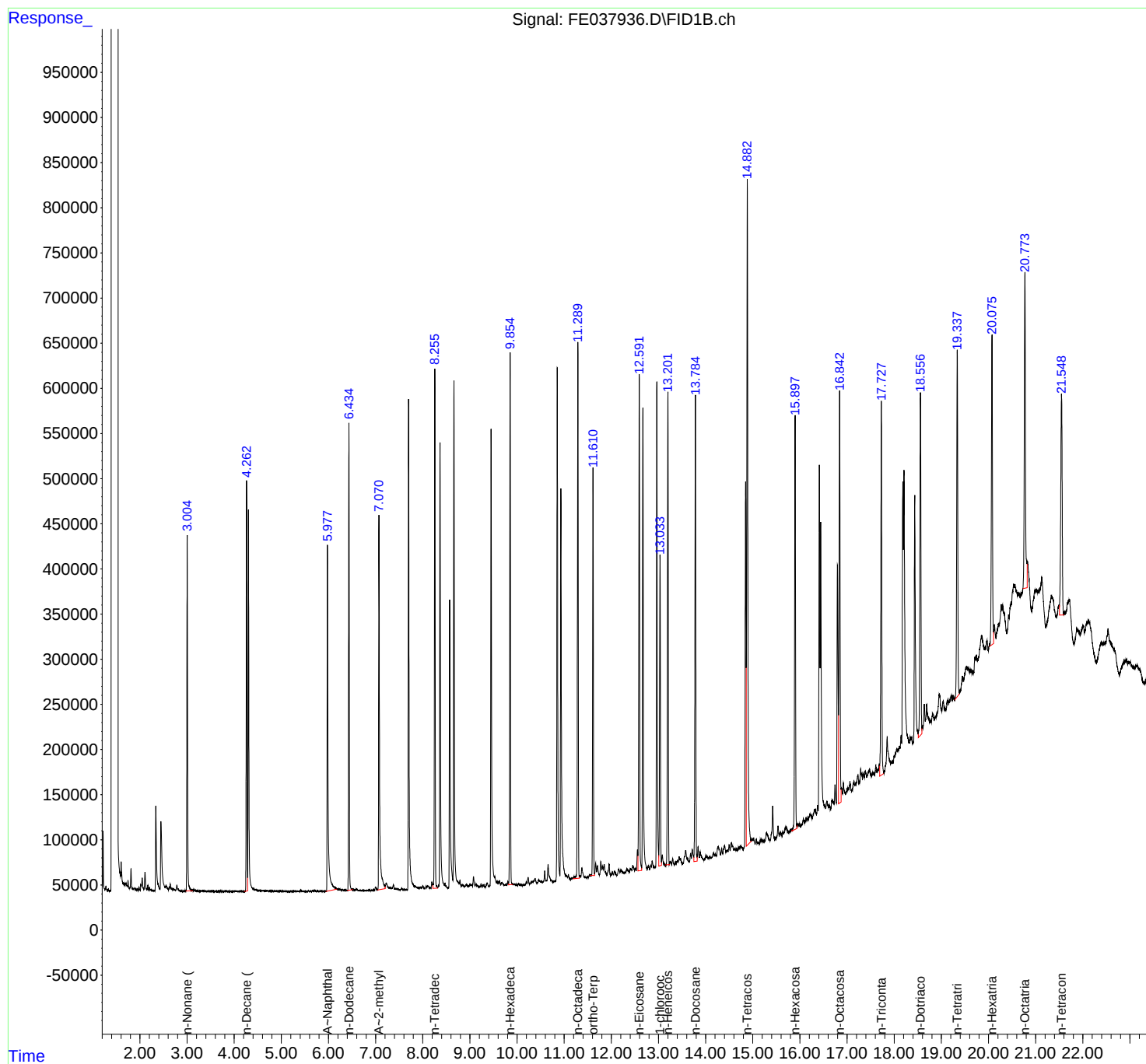
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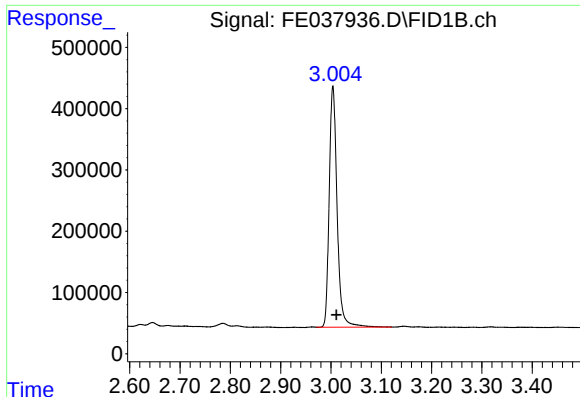
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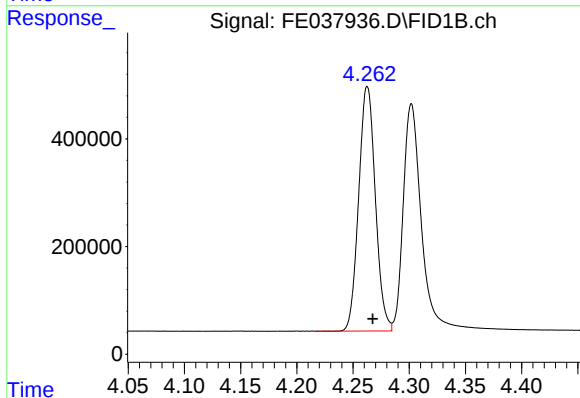
#1 n-Nonane (C9)

R.T.: 3.004 min
Delta R.T.: -0.007 min
Response: 4288253
Conc: 29.12 ug/ml

Instrument :
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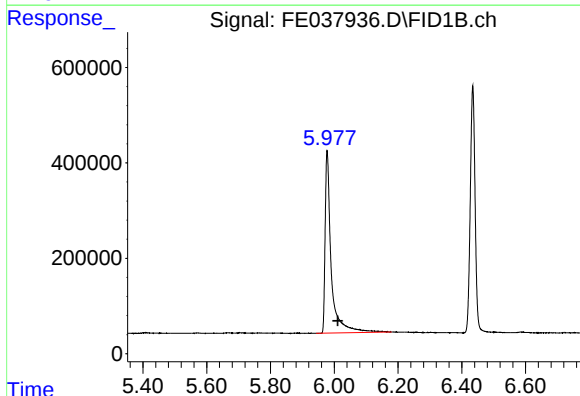
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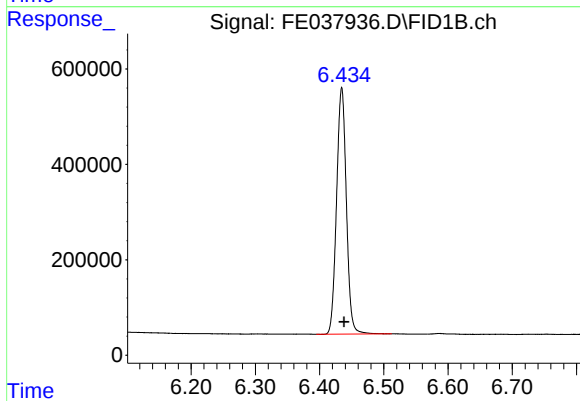
#2 n-Decane (C10)

R.T.: 4.263 min
Delta R.T.: -0.005 min
Response: 4686251
Conc: 31.70 ug/ml



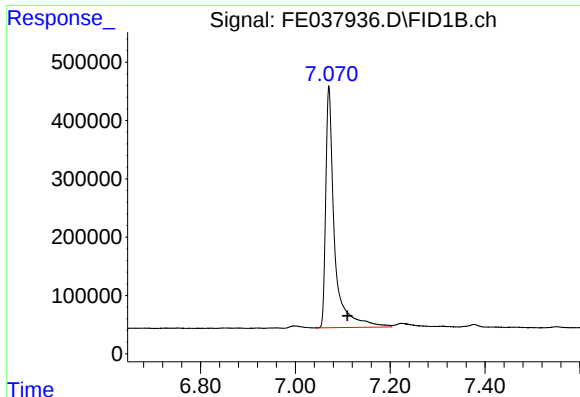
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.033 min
Response: 5131037
Conc: 37.47 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.435 min
Delta R.T.: -0.004 min
Response: 5473354
Conc: 35.92 ug/ml



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

R.T.: 7.071 min
Delta R.T.: -0.039 min
Response: 5376849
Conc: 40.46 ug/ml

Instrument :

FID_E

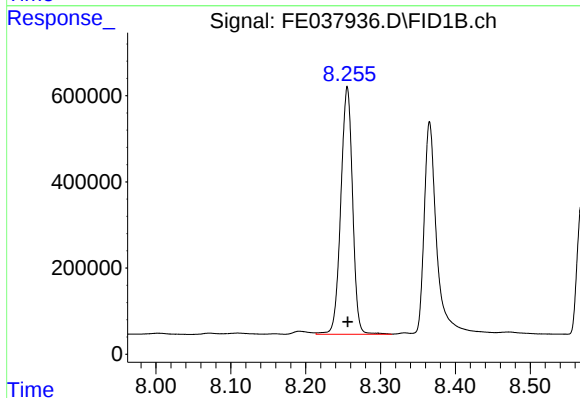
ClientSampleId :

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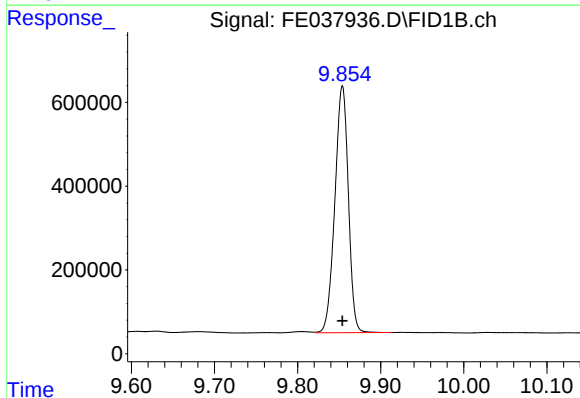
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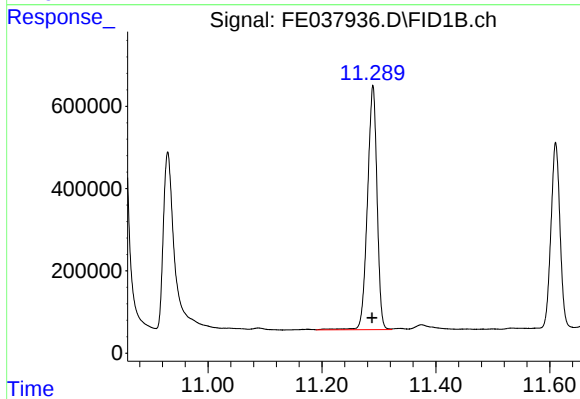
#6 n-Tetradecane (C14)

R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 6274997
Conc: 41.00 ug/ml



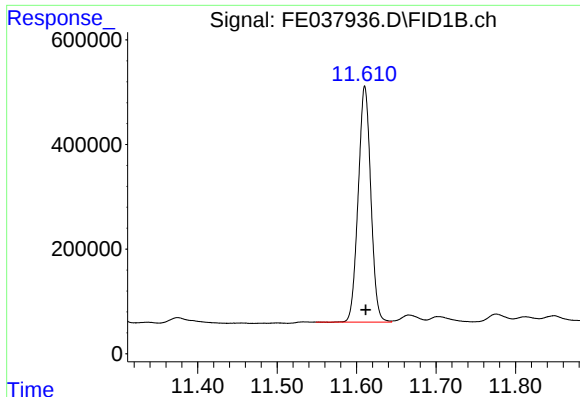
#7 n-Hexadecane (C16)

R.T.: 9.854 min
Delta R.T.: 0.000 min
Response: 6641305
Conc: 42.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.290 min
Delta R.T.: 0.002 min
Response: 6927255
Conc: 43.19 ug/ml



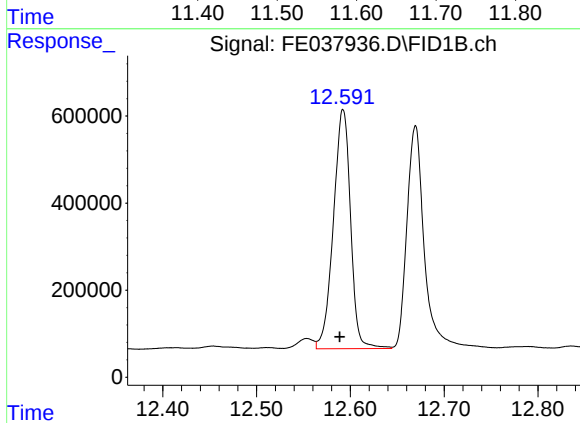
#9 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.001 min
Response: 4971466
Conc: 28.74 ug/ml

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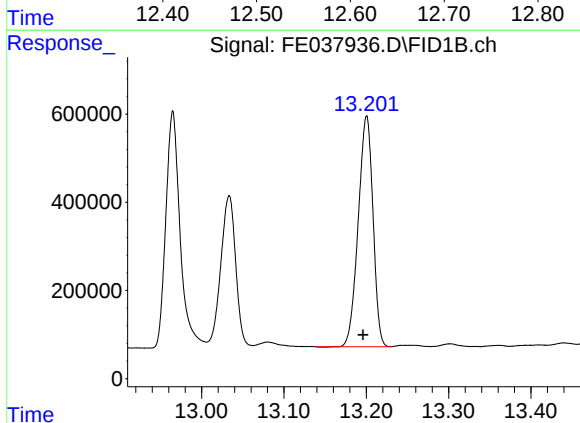
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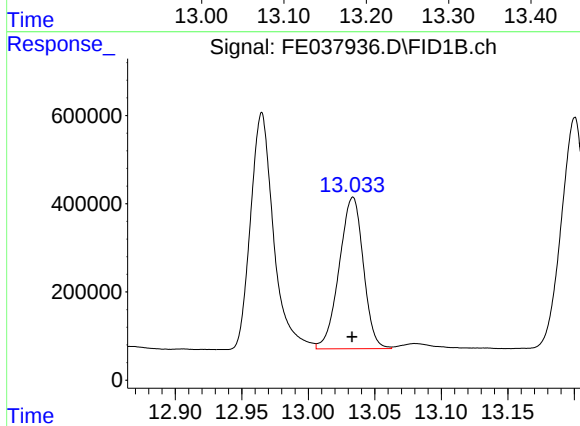
#10 n-Eicosane (C20)

R.T.: 12.592 min
Delta R.T.: 0.004 min
Response: 7001778
Conc: 42.94 ug/ml



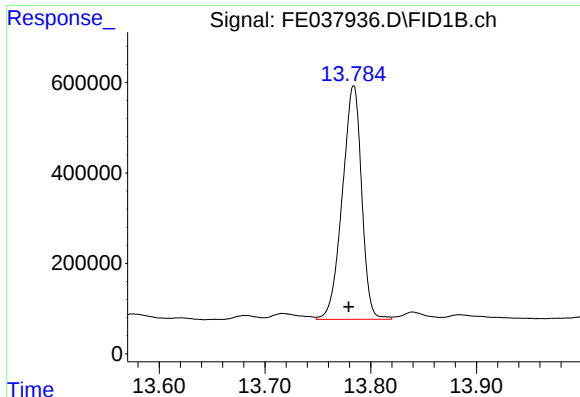
#11 n-Heneicosane (C21)

R.T.: 13.200 min
Delta R.T.: 0.004 min
Response: 6515316
Conc: 39.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.034 min
Delta R.T.: 0.000 min
Response: 4344080
Conc: 32.14 ug/ml



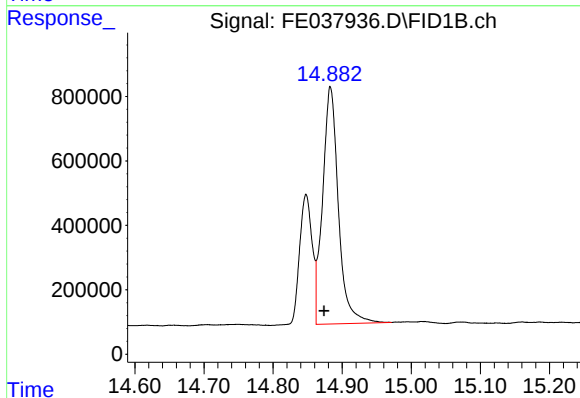
#13 n-Docosane (C22)

R.T.: 13.784 min
Delta R.T.: 0.005 min
Response: 6564650
Conc: 39.88 ug/ml

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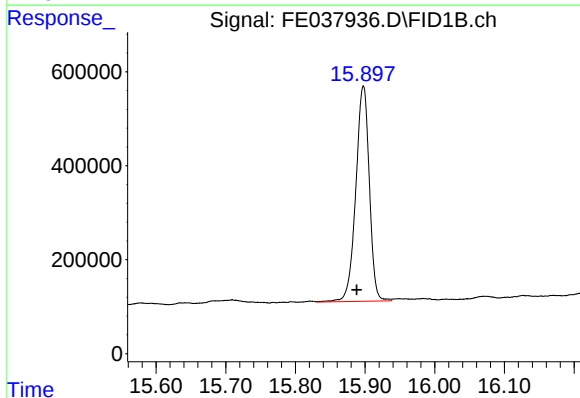
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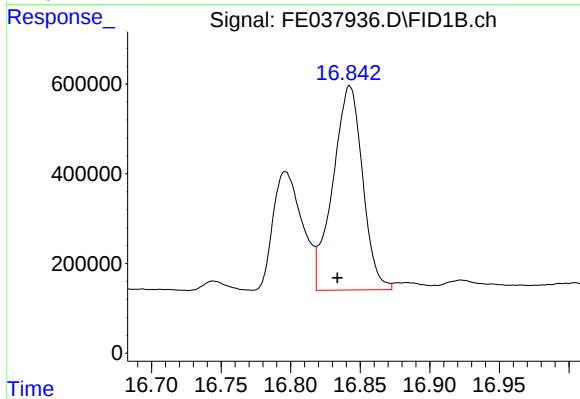
#14 n-Tetracosane (C24)

R.T.: 14.883 min
Delta R.T.: 0.009 min
Response: 11697956
Conc: 71.33 ug/ml



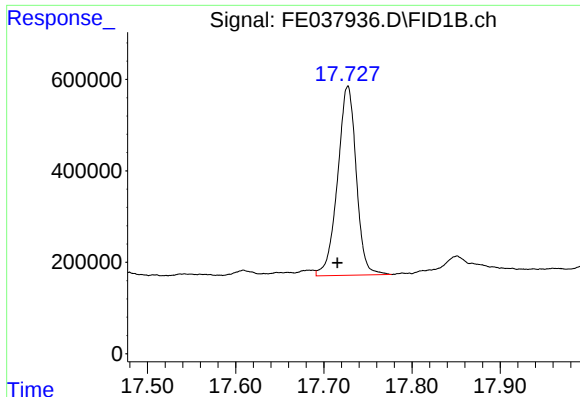
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: 0.010 min
Response: 6191522
Conc: 37.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: 0.009 min
Response: 6773480
Conc: 42.28 ug/ml



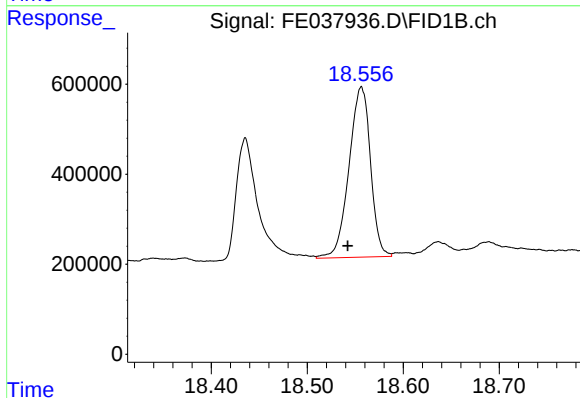
#17 n-Tricontane (C30)

R.T.: 17.727 min
Delta R.T.: 0.012 min
Response: 6085357
Conc: 38.03 ug/ml

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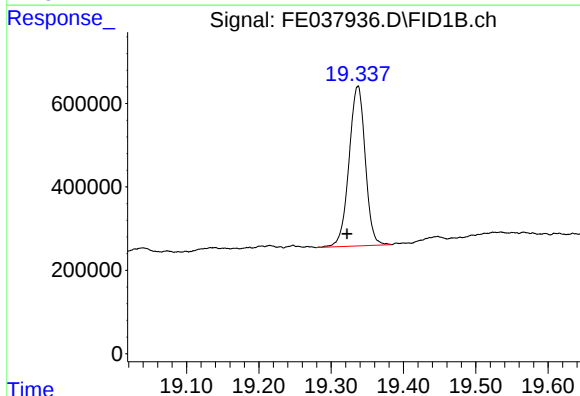
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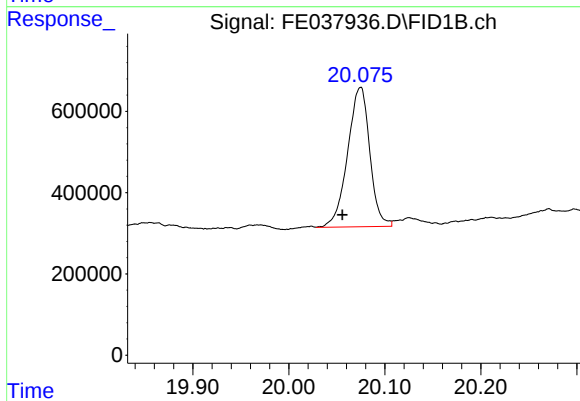
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.014 min
Response: 5920850
Conc: 37.60 ug/ml



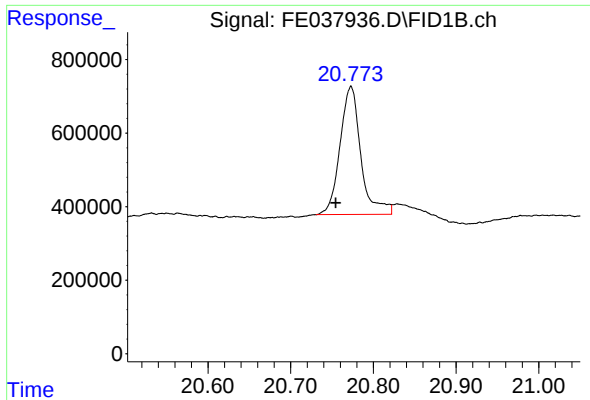
#19 n-Tetratriacontane (C34)

R.T.: 19.337 min
Delta R.T.: 0.015 min
Response: 5977562
Conc: 40.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.075 min
Delta R.T.: 0.019 min
Response: 5501634
Conc: 38.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.773 min
Delta R.T.: 0.018 min
Response: 6111319
Conc: 45.04 ug/ml

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ClientSampleId :

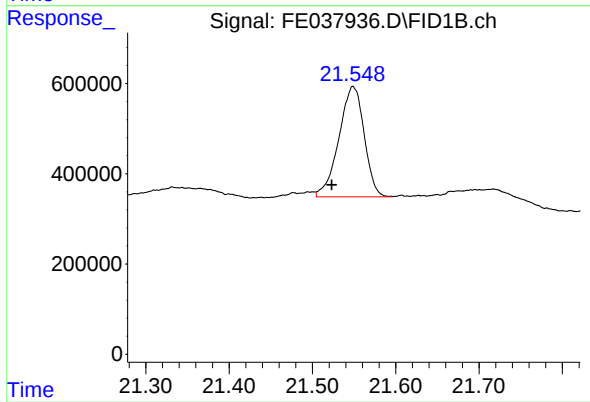
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#22 n-Tetracontane (C40)

R.T.: 21.548 min
Delta R.T.: 0.025 min
Response: 5153095
Conc: 40.48 ug/ml m