

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072022AL\
 Data File : FE036589.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jul 2022 09:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2022
 Supervised By :Ankita Jodhani 07/21/2022

Integration File: autoint1.e
 Quant Time: Jul 21 01:29:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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)	11.854	3927771	21.089 ug/ml
Spiked Amount 50.000		Recovery =	42.18%
12) S 1-chlorooctadecane (S...	13.294	3147306	20.686 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
Target Compounds			
1) T n-Nonane (C9)	3.240	3515437	22.804 ug/ml
2) T n-Decane (C10)	4.495	3553866	23.055 ug/ml
3) T A~Naphthalene (C11.7)	6.197	3946814	23.096 ug/ml
4) T n-Dodecane (C12)	6.664	3626254	23.089 ug/ml
5) T A~2-methylnaphthalene...	7.293	3953106	23.001 ug/ml
6) T n-Tetradecane (C14)	8.491	3709764	22.723 ug/ml
7) T n-Hexadecane (C16)	10.098	3678453	22.317 ug/ml
8) T n-Octadecane (C18)	11.540	3681909	21.665 ug/ml
10) T n-Eicosane (C20)	12.849	3579534	21.043 ug/ml
11) T n-Heneicosane (C21)	13.461	3548818	20.735 ug/ml
13) T n-Docosane (C22)	14.048	3495485	20.473 ug/ml
14) T n-Tetracosane (C24)	15.151	3380561	19.832 ug/ml
15) T n-Hexacosane (C26)	16.172	3248178	19.428 ug/ml
16) T n-Octacosane (C28)	17.121	3148697	19.279 ug/ml
17) T n-Tricontane (C30)	18.010	2956719	19.457 ug/ml
18) T n-Dotriacontane (C32)	18.843	2397748	19.936 ug/ml
19) T n-Tetratriacontane (C34)	19.626	1727032	20.739 ug/ml
20) T n-Hexatriacontane (C36)	20.366	1277899	21.764 ug/mlm
21) T n-Octatriacontane (C38)	21.092	1241831	24.768 ug/mlm
22) T n-Tetracontane (C40)	21.982	1138212	22.040 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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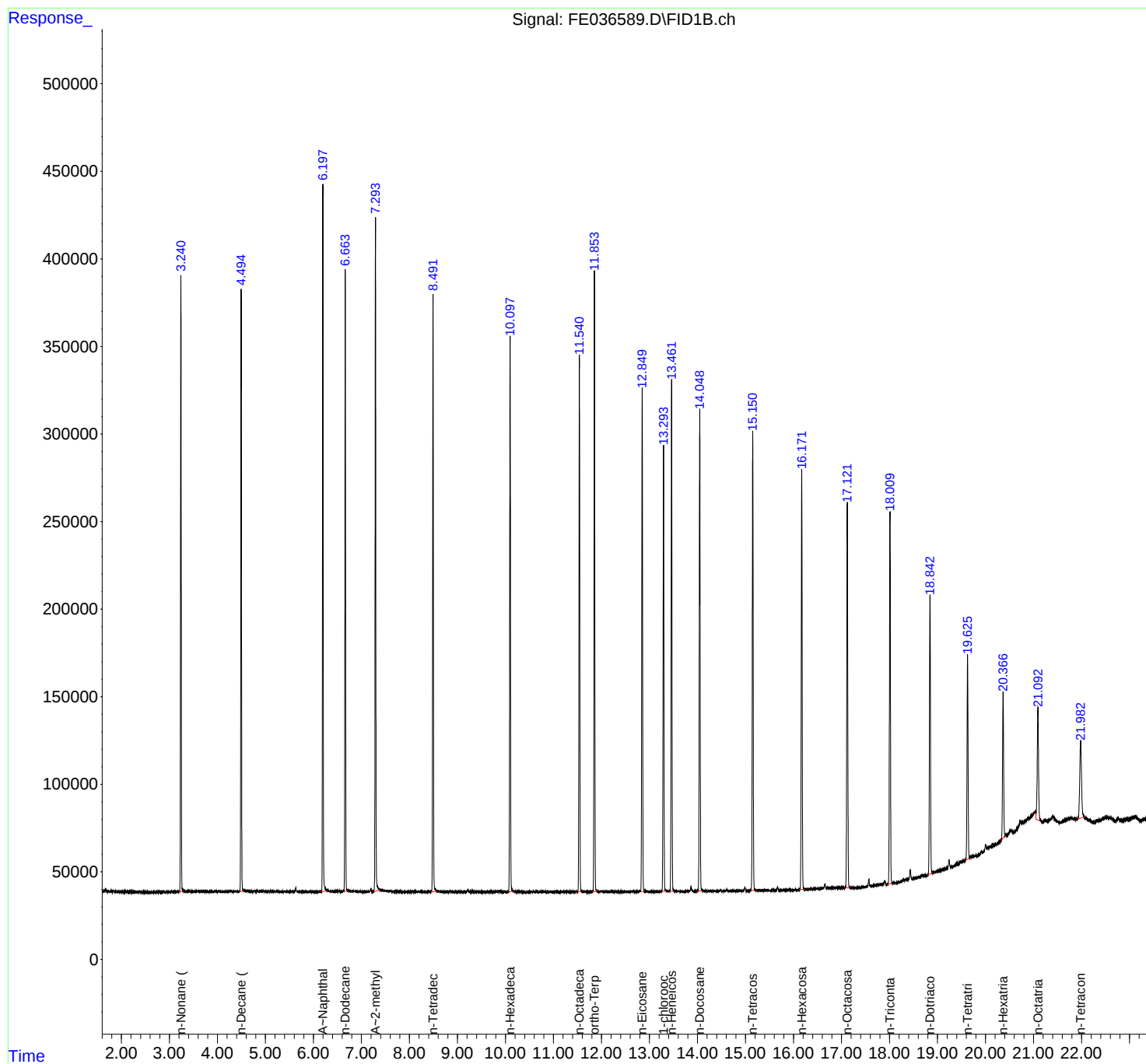
Instrument :
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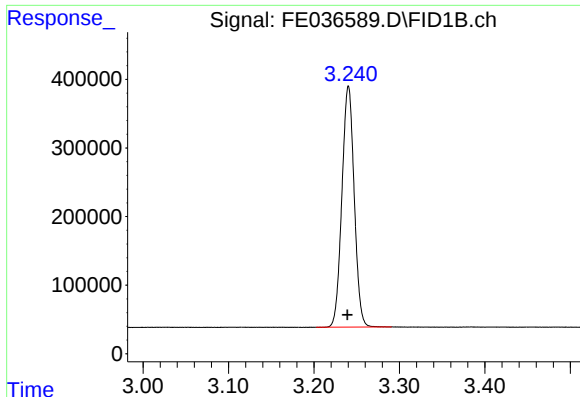
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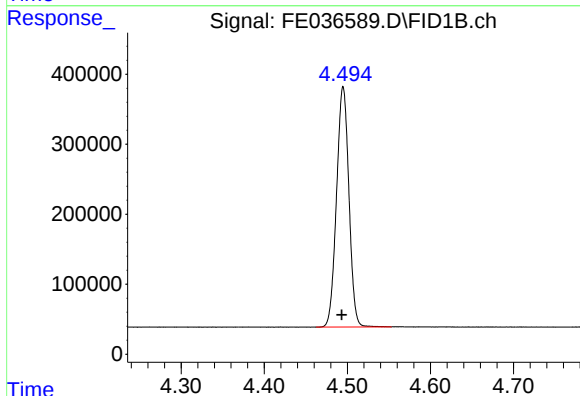
#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: 0.001 min
Response: 3515437
Conc: 22.80 ug/ml

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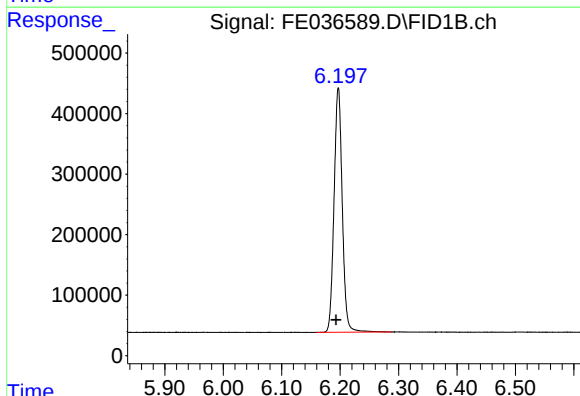
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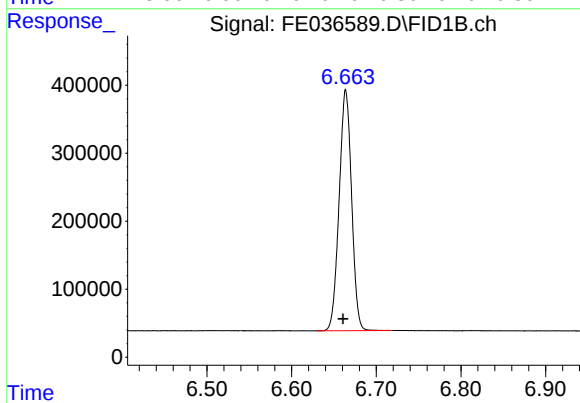
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: 0.002 min
Response: 3553866
Conc: 23.05 ug/ml



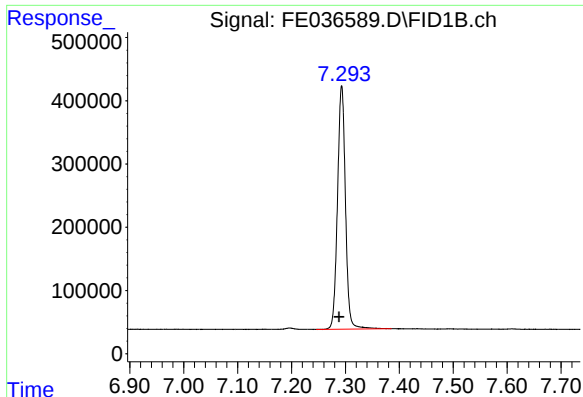
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: 0.004 min
Response: 3946814
Conc: 23.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.664 min
Delta R.T.: 0.003 min
Response: 3626254
Conc: 23.09 ug/ml



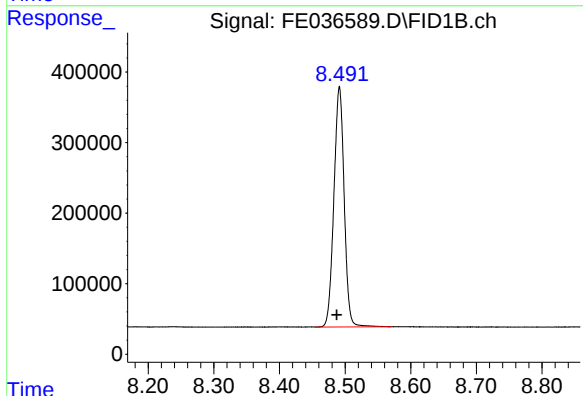
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.293 min
Delta R.T.: 0.005 min
Response: 3953106
Conc: 23.00 ug/ml

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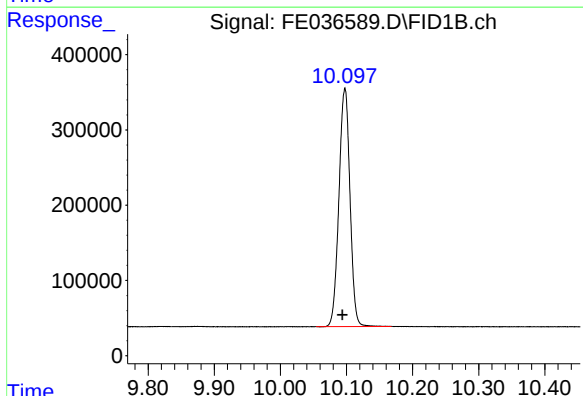
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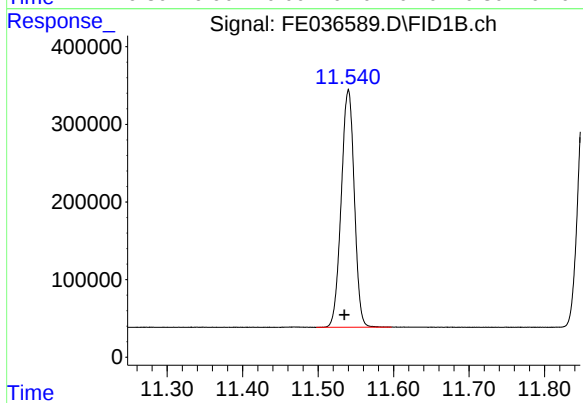
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: 0.004 min
Response: 3709764
Conc: 22.72 ug/ml



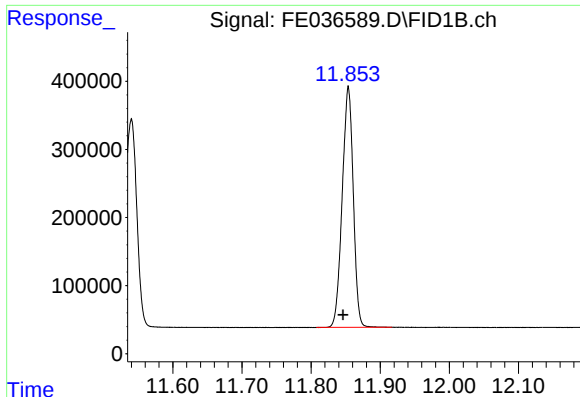
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: 0.004 min
Response: 3678453
Conc: 22.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.540 min
Delta R.T.: 0.005 min
Response: 3681909
Conc: 21.66 ug/ml



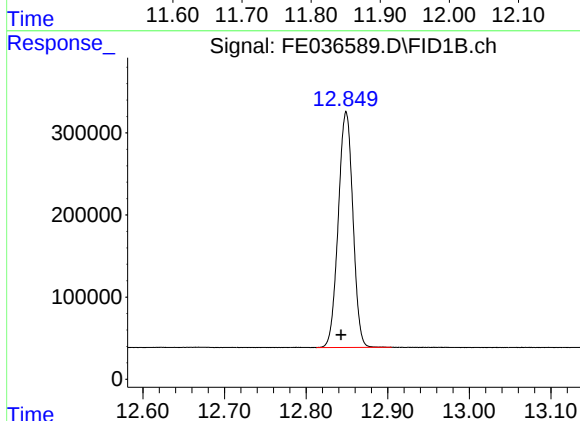
#9 ortho-Terphenyl (SURR)

R.T.: 11.854 min
Delta R.T.: 0.007 min
Response: 3927771
Conc: 21.09 ug/ml

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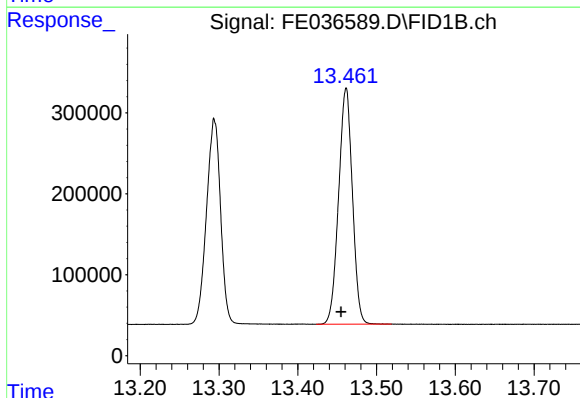
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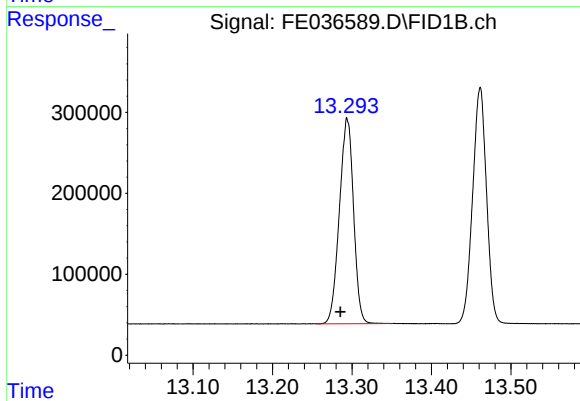
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: 0.006 min
Response: 3579534
Conc: 21.04 ug/ml



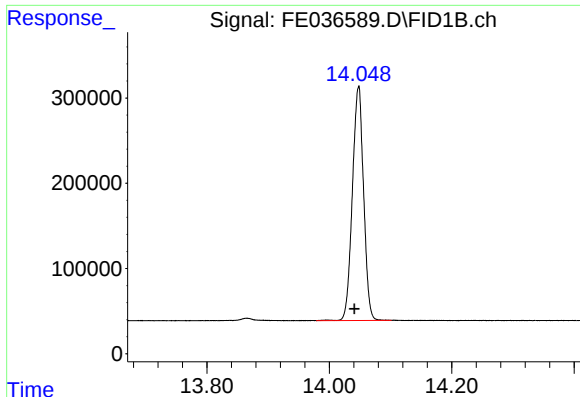
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: 0.007 min
Response: 3548818
Conc: 20.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.294 min
Delta R.T.: 0.009 min
Response: 3147306
Conc: 20.69 ug/ml



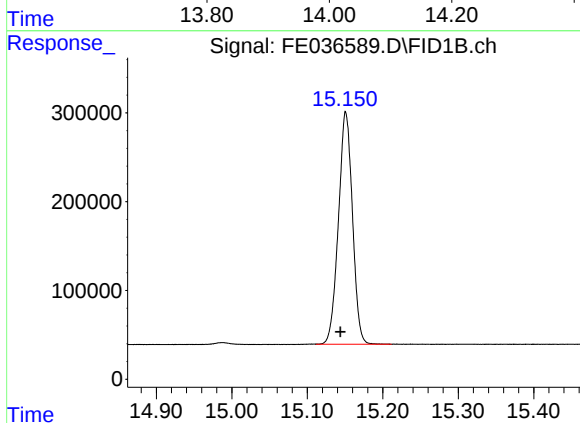
#13 n-Docosane (C22)

R.T.: 14.048 min
Delta R.T.: 0.007 min
Response: 3495485
Conc: 20.47 ug/ml

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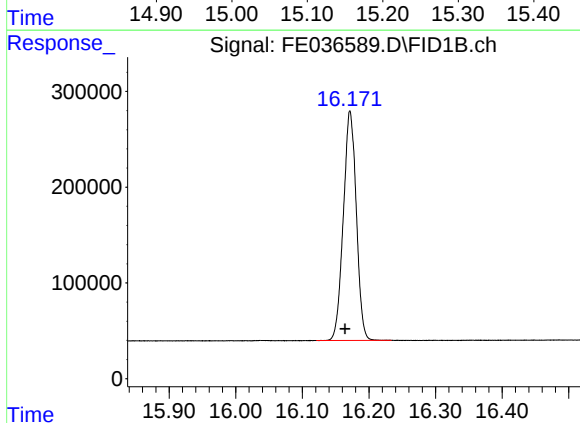
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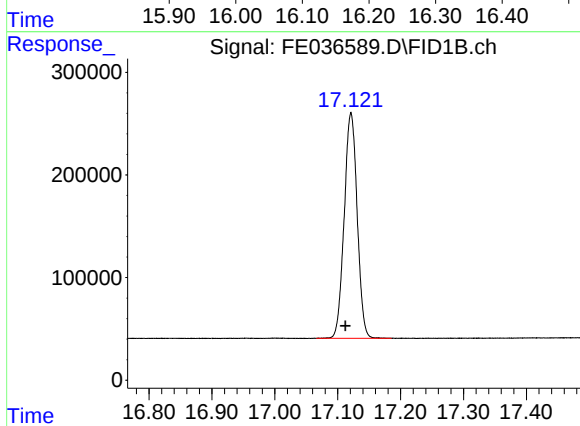
#14 n-Tetracosane (C24)

R.T.: 15.151 min
Delta R.T.: 0.007 min
Response: 3380561
Conc: 19.83 ug/ml



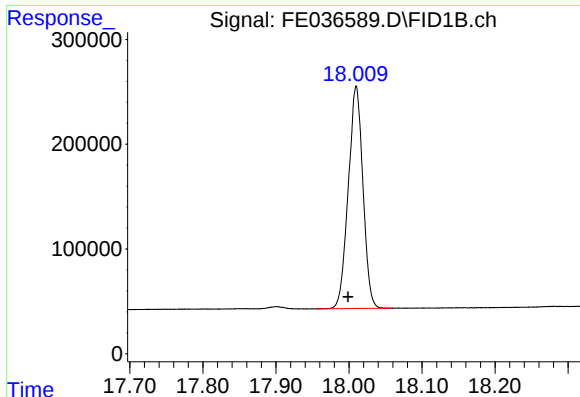
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: 0.008 min
Response: 3248178
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.121 min
Delta R.T.: 0.009 min
Response: 3148697
Conc: 19.28 ug/ml



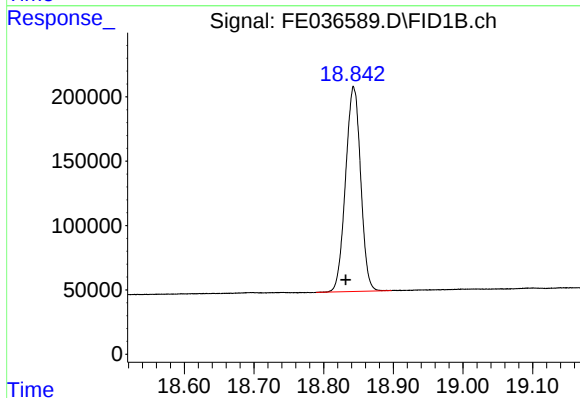
#17 n-Tricontane (C30)

R.T.: 18.010 min
Delta R.T.: 0.011 min
Response: 2956719
Conc: 19.46 ug/ml

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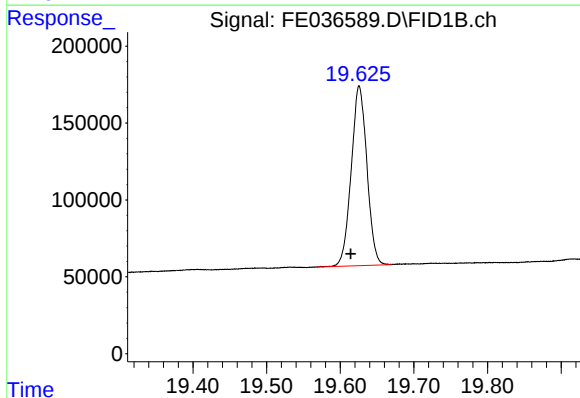
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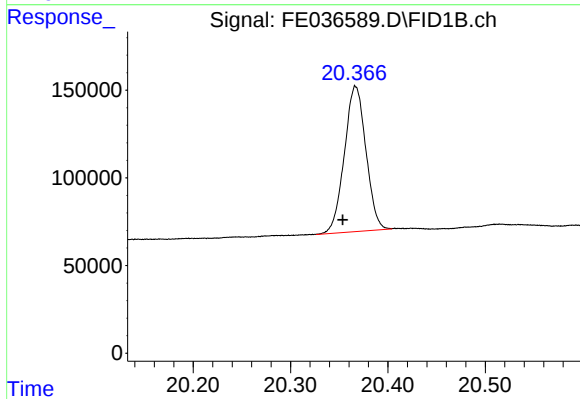
#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: 0.011 min
Response: 2397748
Conc: 19.94 ug/ml



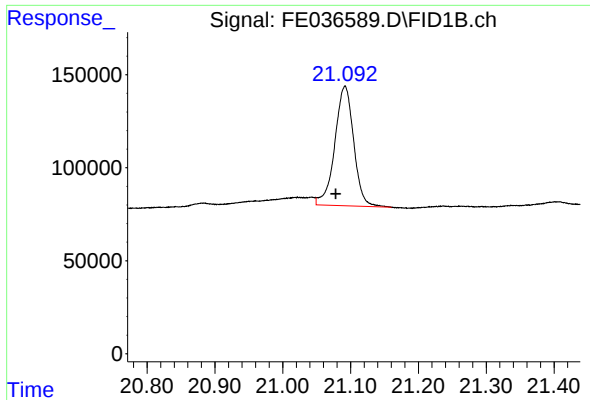
#19 n-Tetratriacontane (C34)

R.T.: 19.626 min
Delta R.T.: 0.011 min
Response: 1727032
Conc: 20.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.366 min
Delta R.T.: 0.012 min
Response: 1277899
Conc: 21.76 ug/ml m



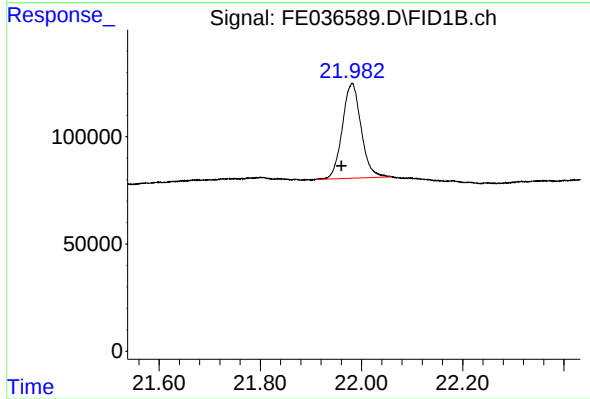
#21 n-Octatriacontane (C38)

R.T.: 21.092 min
Delta R.T.: 0.014 min
Response: 1241831
Conc: 24.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.982 min
Delta R.T.: 0.021 min
Response: 1138212
Conc: 22.04 ug/ml