

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070122AL\
 Data File : FE036349.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2022 20:18
 Operator : YP\AJ
 Sample : N3561-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 S-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2022
 Supervised By :Ankita Jodhani 07/05/2022

Integration File: sample.E
 Quant Time: Jul 02 03:35:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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)	11.871	5927771	29.669 ug/ml
Spiked Amount 50.000		Recovery =	59.34%
12) S 1-chlorooctadecane (S...	13.310	4643214	29.992 ug/ml
Spiked Amount 50.000		Recovery =	59.98%
Target Compounds			
1) T n-Nonane (C9)	3.281	6952087	38.653 ug/ml
2) T n-Decane (C10)	4.527	7039092	39.158 ug/ml
3) T A~Naphthalene (C11.7)	6.222	7842690	39.089 ug/ml
4) T n-Dodecane (C12)	6.687	7253826	39.163 ug/ml
5) T A~2-methylnaphthalene...	7.316	7607031	37.368 ug/ml
6) T n-Tetradecane (C14)	8.512	7236813	38.709 ug/ml
7) T n-Hexadecane (C16)	10.117	7144346	38.150 ug/ml
8) T n-Octadecane (C18)	11.558	7235398	38.891 ug/ml
10) T n-Eicosane (C20)	12.866	6918928	38.192 ug/ml
11) T n-Heneicosane (C21)	13.478	6820646	37.971 ug/ml
13) T n-Docosane (C22)	14.062	6741998	38.134 ug/ml
14) T n-Tetracosane (C24)	15.165	5966214	34.834 ug/ml
15) T n-Hexacosane (C26)	16.188	6515008	39.432 ug/ml
16) T n-Octacosane (C28)	17.134	6459598	40.354 ug/ml
17) T n-Tricontane (C30)	18.023	6366886	41.124 ug/ml
18) T n-Dotriacontane (C32)	18.854	6365886	43.561 ug/ml
19) T n-Tetratriacontane (C34)	19.637	6471936	46.769 ug/ml
20) T n-Hexatriacontane (C36)	20.378	6173931	45.989 ug/ml
21) T n-Octatriacontane (C38)	21.104	6053191	45.516 ug/mlm
22) T n-Tetracontane (C40)	22.003	6243190	44.650 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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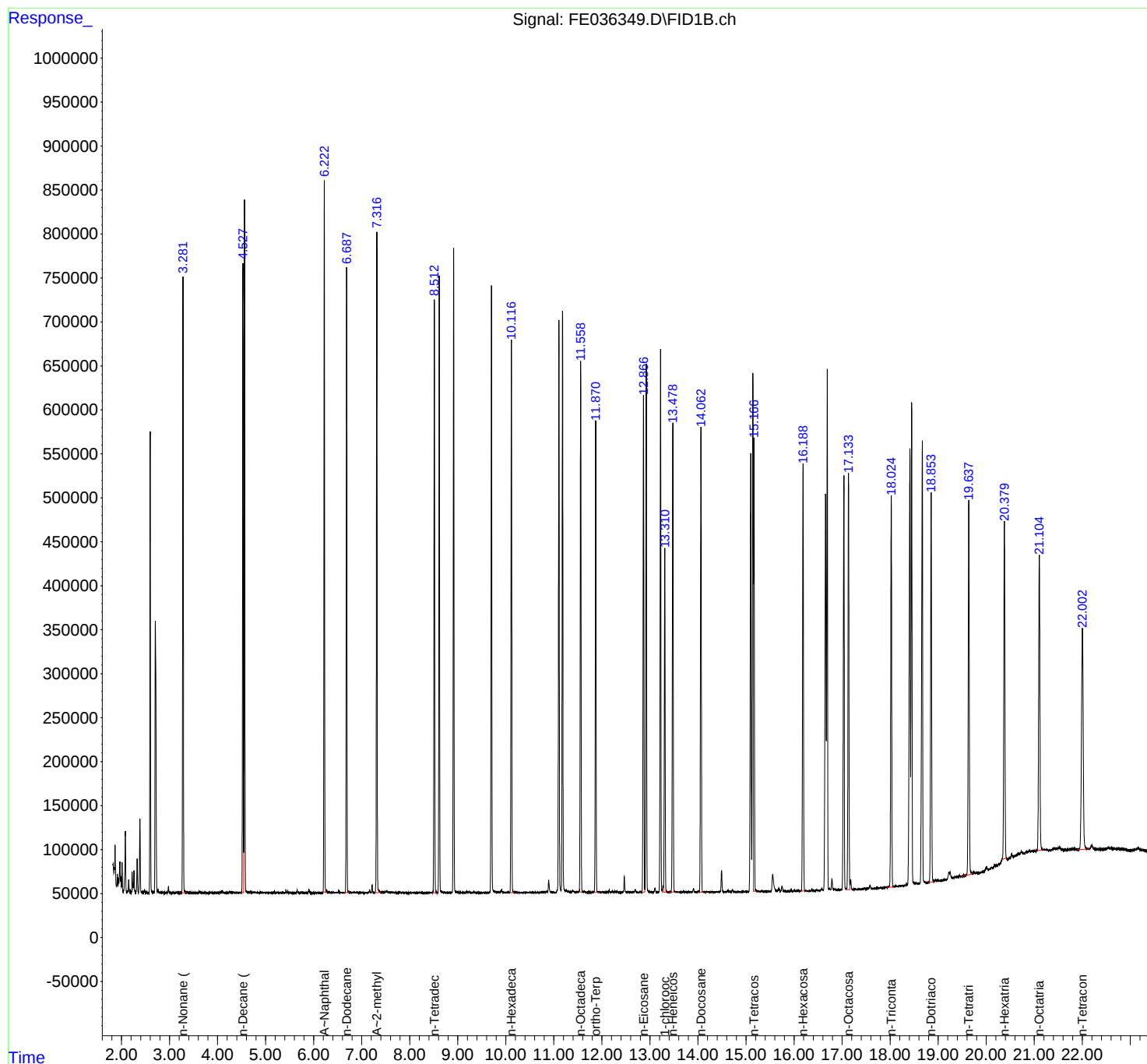
Instrument :
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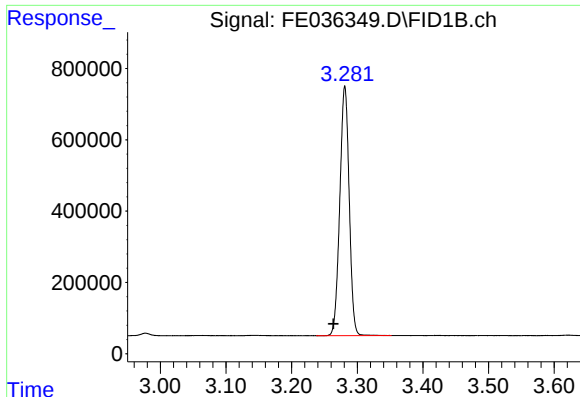
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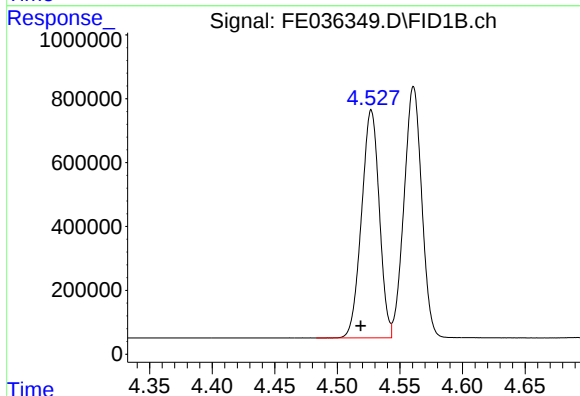
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.017 min
Response: 6952087
Conc: 38.65 ug/ml

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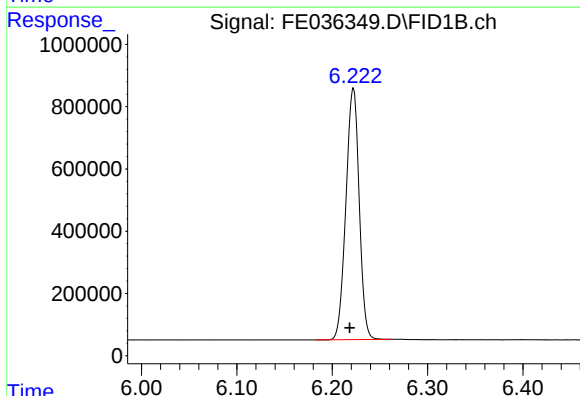
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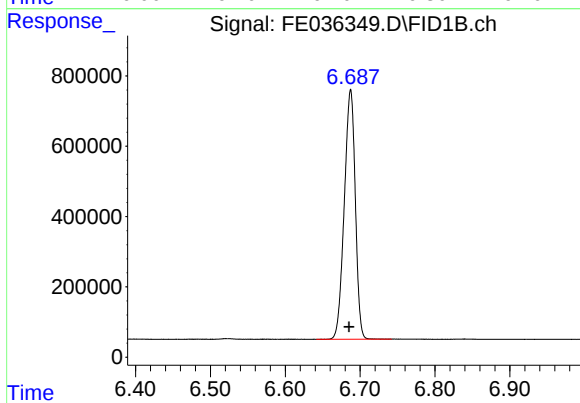
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.009 min
Response: 7039092
Conc: 39.16 ug/ml



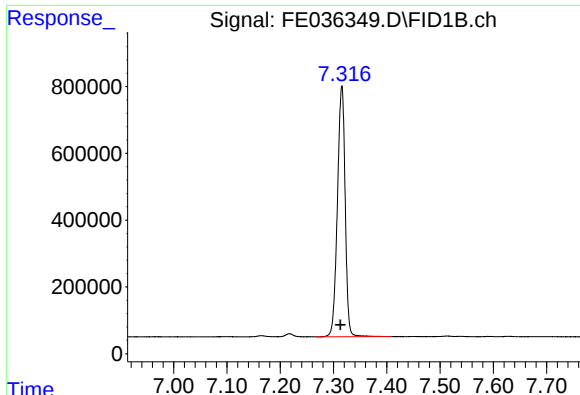
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: 0.004 min
Response: 7842690
Conc: 39.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.002 min
Response: 7253826
Conc: 39.16 ug/ml



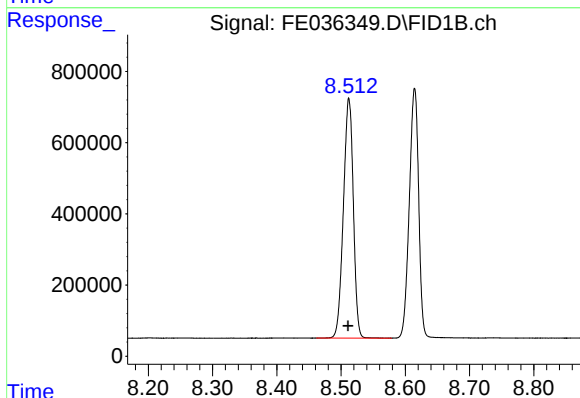
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.316 min
Delta R.T.: 0.003 min
Response: 7607031
Conc: 37.37 ug/ml

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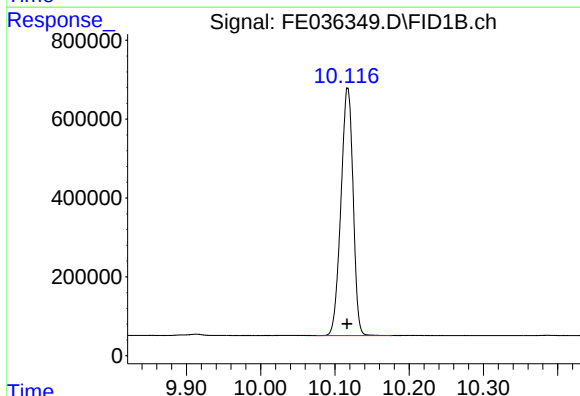
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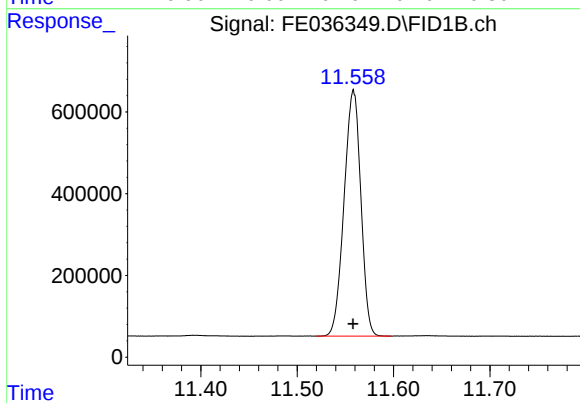
#6 n-Tetradecane (C14)

R.T.: 8.512 min
Delta R.T.: 0.001 min
Response: 7236813
Conc: 38.71 ug/ml



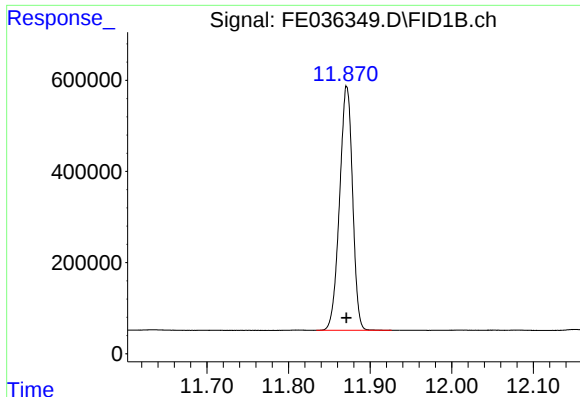
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: 0.000 min
Response: 7144346
Conc: 38.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.558 min
Delta R.T.: 0.000 min
Response: 7235398
Conc: 38.89 ug/ml



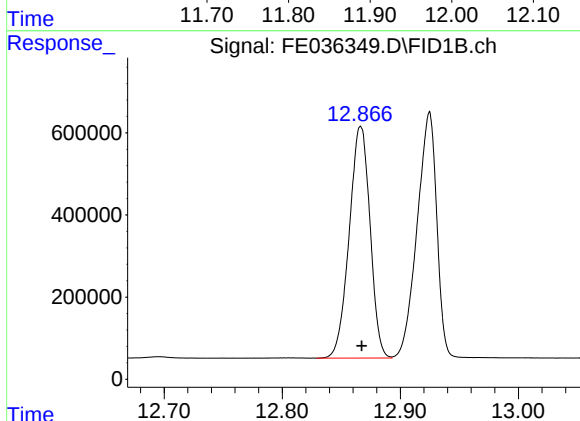
#9 ortho-Terphenyl (SURR)

R.T.: 11.871 min
Delta R.T.: 0.000 min
Response: 5927771
Conc: 29.67 ug/ml

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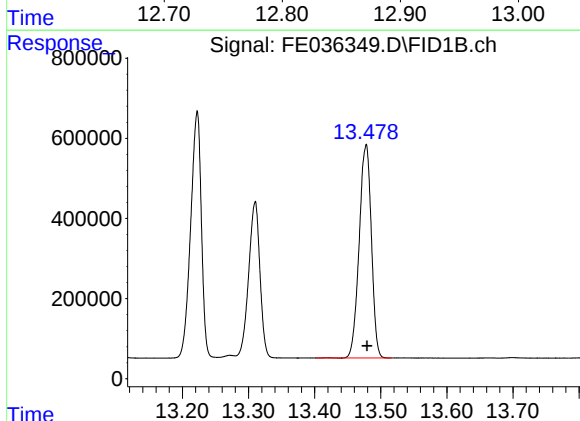
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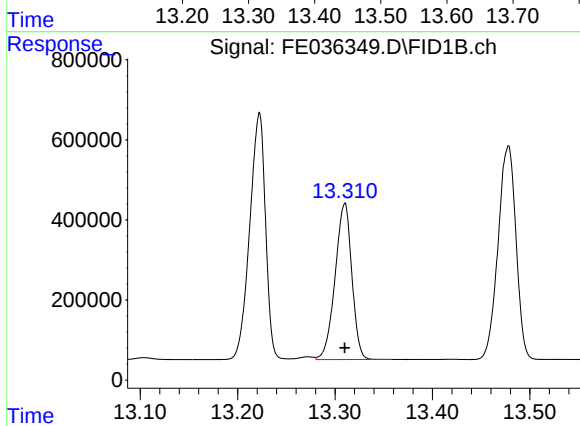
#10 n-Eicosane (C20)

R.T.: 12.866 min
Delta R.T.: 0.000 min
Response: 6918928
Conc: 38.19 ug/ml



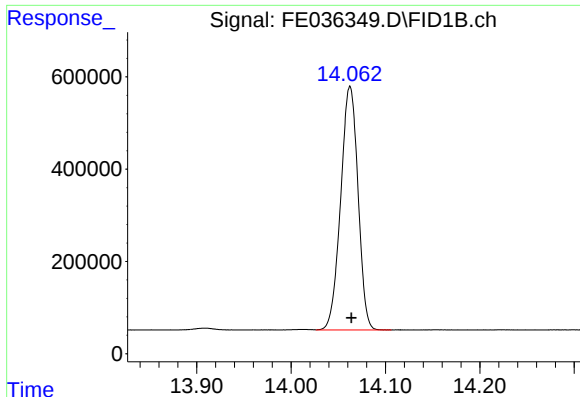
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: -0.001 min
Response: 6820646
Conc: 37.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 4643214
Conc: 29.99 ug/ml



#13 n-Docosane (C22)

R.T.: 14.062 min
Delta R.T.: -0.001 min
Response: 6741998
Conc: 38.13 ug/ml

Instrument :

FID_E

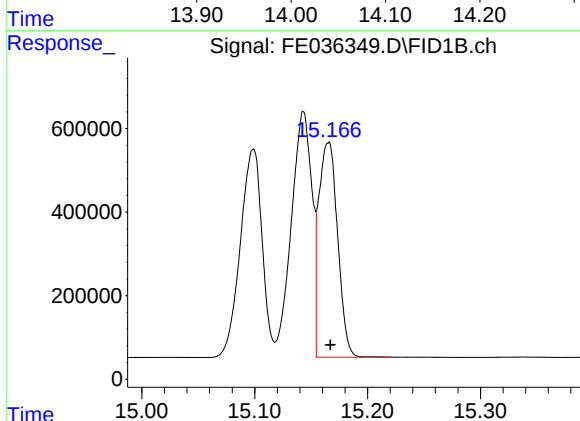
ClientSampleId :

S-1MSD

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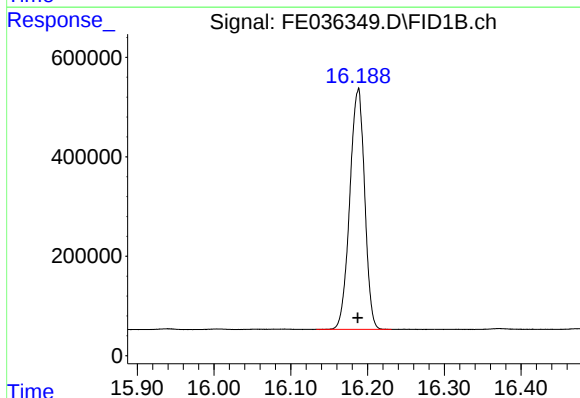
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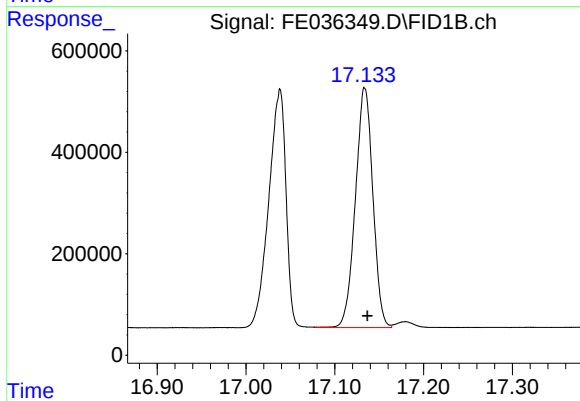
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: -0.002 min
Response: 5966214
Conc: 34.83 ug/ml



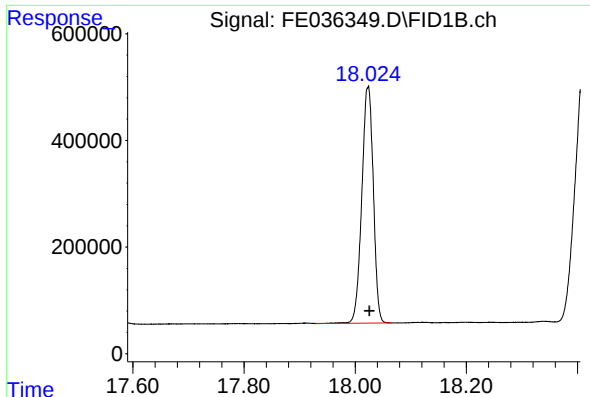
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: 0.000 min
Response: 6515008
Conc: 39.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: -0.003 min
Response: 6459598
Conc: 40.35 ug/ml



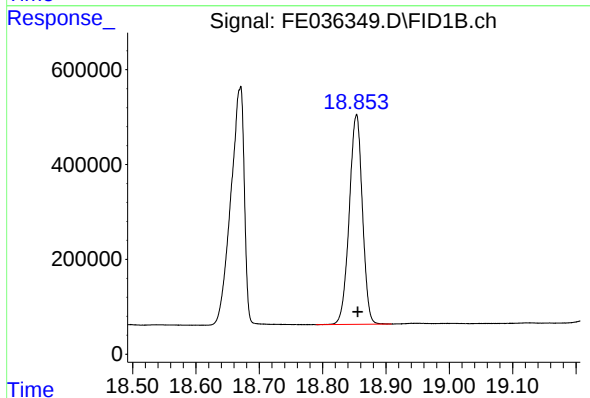
#17 n-Tricontane (C30)

R.T.: 18.023 min
Delta R.T.: -0.002 min
Response: 6366886
Conc: 41.12 ug/ml

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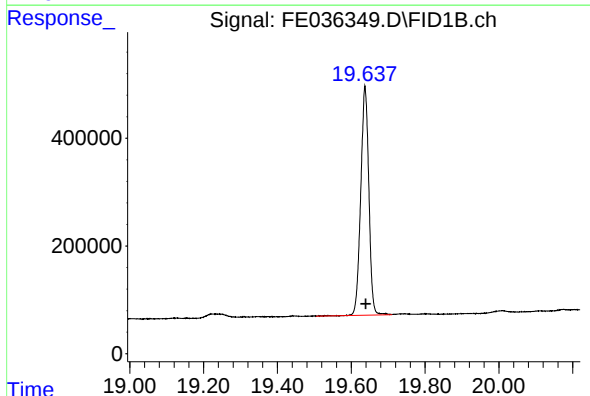
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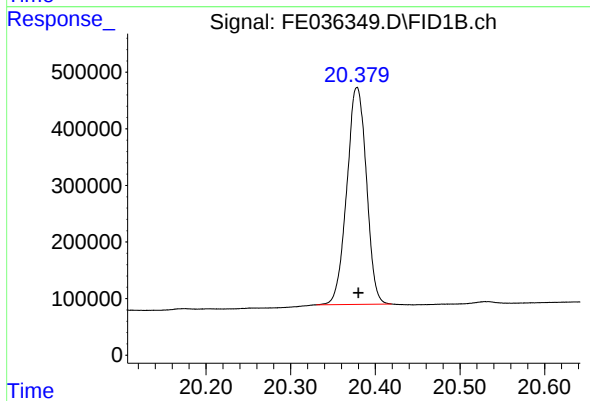
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.002 min
Response: 6365886
Conc: 43.56 ug/ml



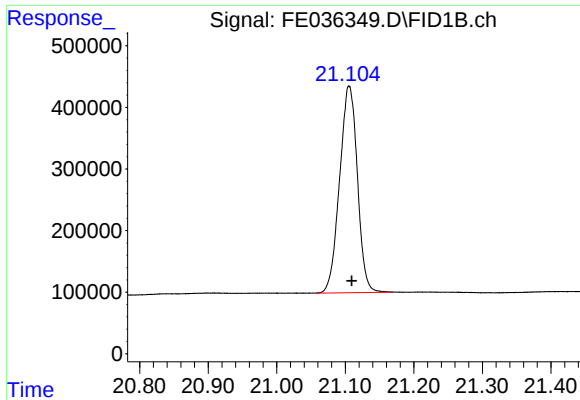
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: -0.002 min
Response: 6471936
Conc: 46.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.002 min
Response: 6173931
Conc: 45.99 ug/ml



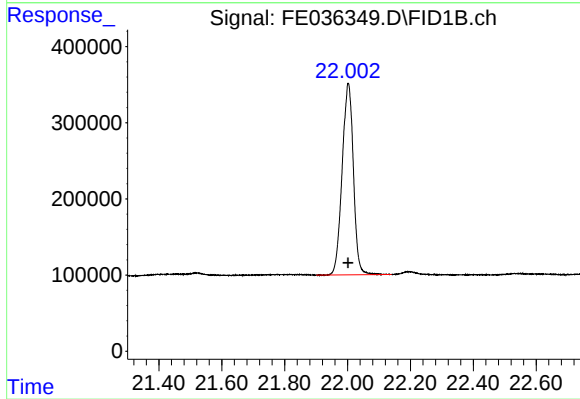
#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.005 min
Response: 6053191
Conc: 45.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.003 min
Delta R.T.: 0.001 min
Response: 6243190
Conc: 44.65 ug/ml