

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082422AL\
 Data File : FE037228.D
 Signal(s) : FID1B.ch
 Acq On : 24 Aug 2022 18:26
 Operator : YP\AJ
 Sample : N4310-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-02-082322-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2022
 Supervised By :Ankita Jodhani 08/25/2022

Integration File: autoint1.e
 Quant Time: Aug 25 01:57:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 01:38:38 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)	11.678	6656819	38.518 ug/ml
Spiked Amount 50.000		Recovery =	77.04%
12) S 1-chlorooctadecane (S...	13.119	51192639	374.680 ug/ml
Spiked Amount 50.000		Recovery =	749.36%
Target Compounds			
1) T n-Nonane (C9)	3.065	3312559	22.235 ug/ml
2) T n-Decane (C10)	4.323	4066394	27.147 ug/ml
3) T A~Naphthalene (C11.7)	6.040	5016074	34.650 ug/ml
4) T n-Dodecane (C12)	6.493	5331204	34.486 ug/ml
5) T A~2-methylnaphthalene...	7.134	5502809	39.777 ug/ml
6) T n-Tetradecane (C14)	9.916	7689025	48.886 ug/ml
7) T n-Hexadecane (C16)	9.916	7689025	48.886 ug/ml
8) T n-Octadecane (C18)	11.353	8000150	49.641 ug/ml
10) T n-Eicosane (C20)	12.656	7721418	46.895 ug/ml
11) T n-Heneicosane (C21)	13.267	7466328	45.138 ug/ml
13) T n-Docosane (C22)	13.849	7538791	45.381 ug/ml
14) T n-Tetracosane (C24)	14.949	13094039	79.320 ug/ml
15) T n-Hexacosane (C26)	15.964	6480275	39.745 ug/ml
16) T n-Octacosane (C28)	16.910	6671336	42.016 ug/ml
17) T n-Tricontane (C30)	17.794	6134349	39.496 ug/ml
18) T n-Dotriacontane (C32)	18.623	6352398	42.587 ug/ml
19) T n-Tetratriacontane (C34)	19.404	6192562	46.088 ug/ml
20) T n-Hexatriacontane (C36)	20.141	5793604	45.128 ug/ml
21) T n-Octatriacontane (C38)	20.842	6445462	53.691 ug/mlm
22) T n-Tetracontane (C40)	21.640	6093592	50.453 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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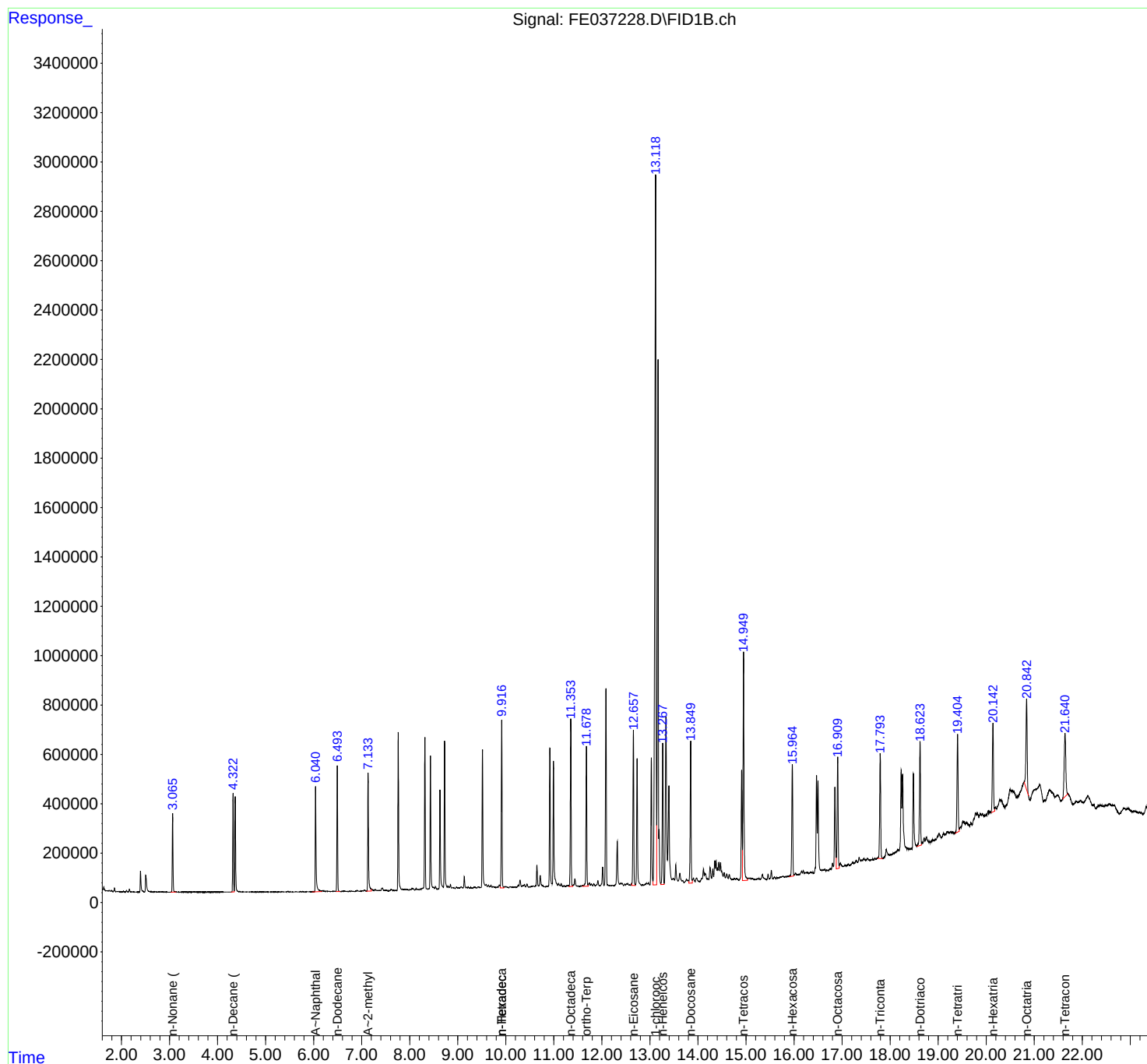
Instrument :
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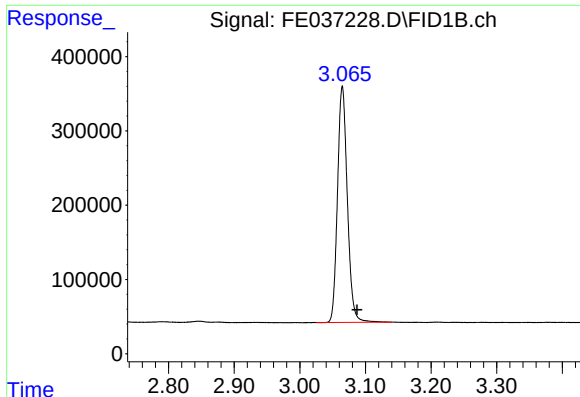
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#1 n-Nonane (C9)

R.T.: 3.065 min
Delta R.T.: -0.022 min
Response: 3312559
Conc: 22.24 ug/ml

Instrument :

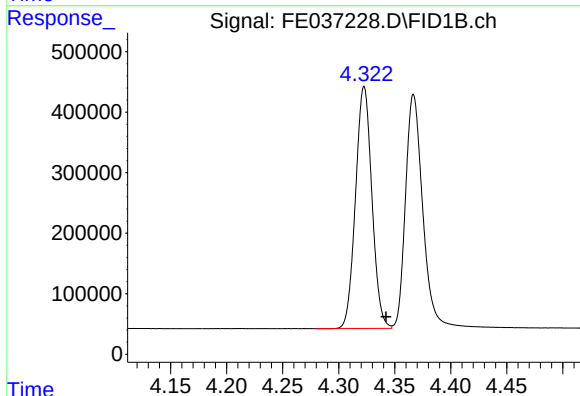
FID_E

ClientSampleId :

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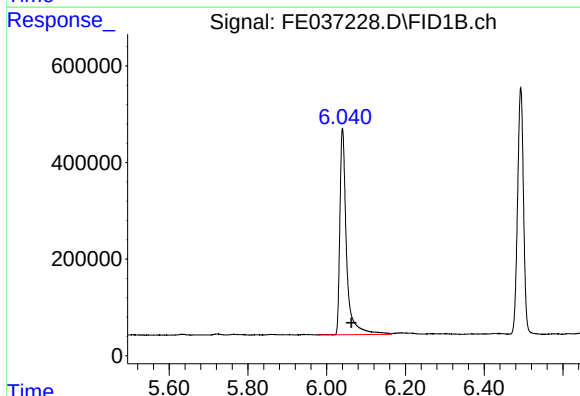
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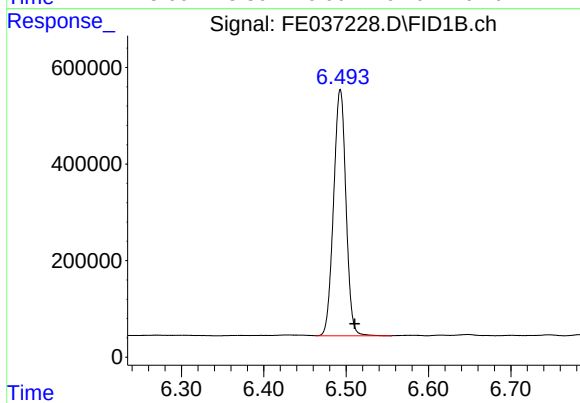
#2 n-Decane (C10)

R.T.: 4.323 min
Delta R.T.: -0.020 min
Response: 4066394
Conc: 27.15 ug/ml



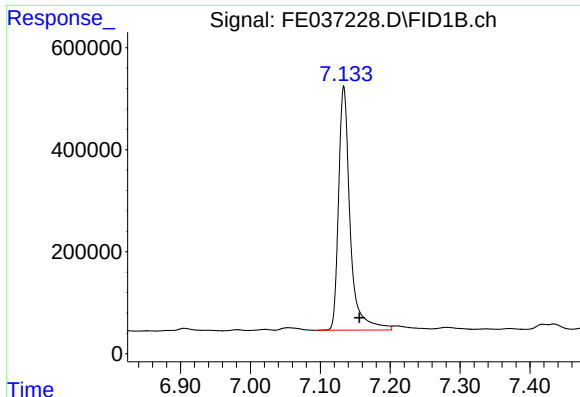
#3 A~Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: -0.023 min
Response: 5016074
Conc: 34.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.493 min
Delta R.T.: -0.018 min
Response: 5331204
Conc: 34.49 ug/ml



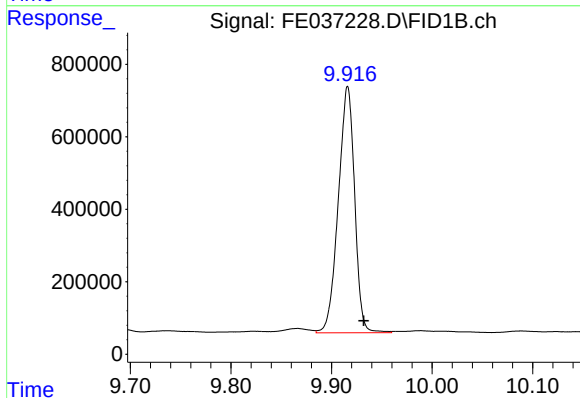
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: -0.022 min
Response: 5502809
Conc: 39.78 ug/ml

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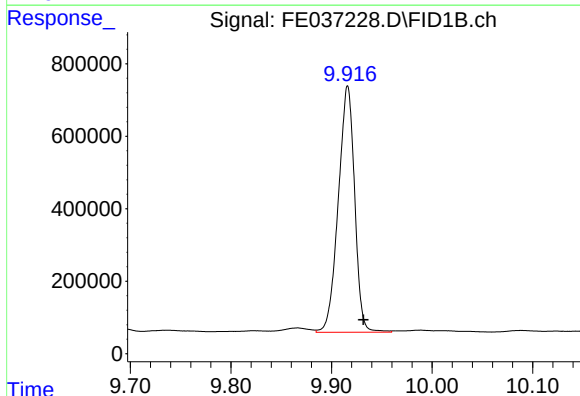
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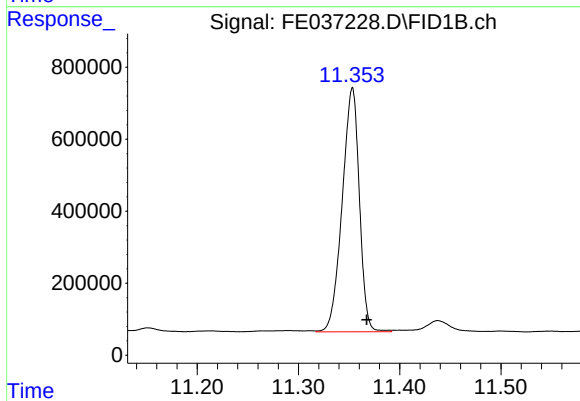
#6 n-Tetradecane (C14)

R.T.: 9.916 min
Delta R.T.: -0.016 min
Response: 7689025
Conc: 48.89 ug/ml



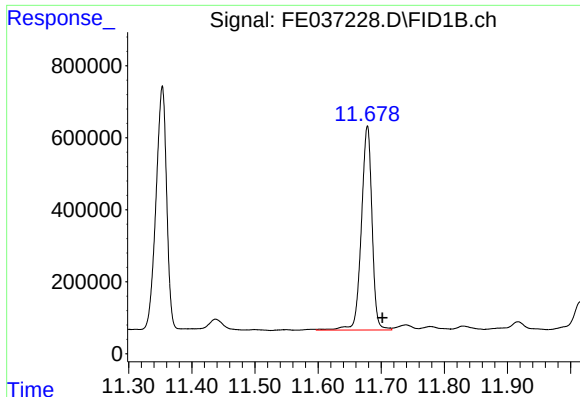
#7 n-Hexadecane (C16)

R.T.: 9.916 min
Delta R.T.: -0.015 min
Response: 7689025
Conc: 48.89 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.353 min
Delta R.T.: -0.014 min
Response: 8000150
Conc: 49.64 ug/ml



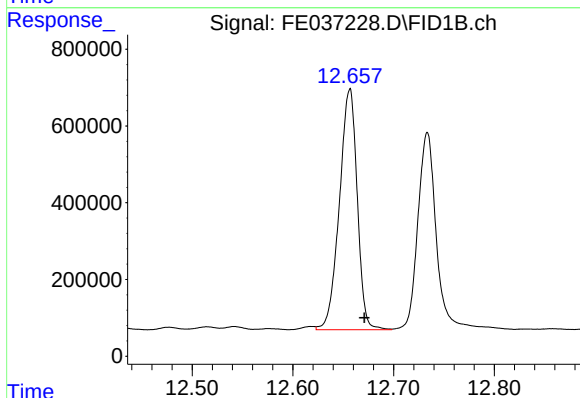
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: -0.024 min
Response: 6656819
Conc: 38.52 ug/ml

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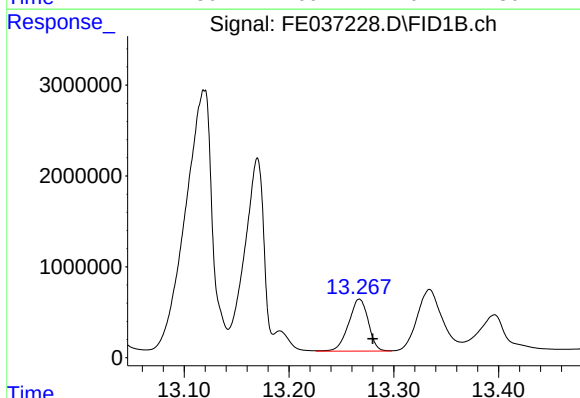
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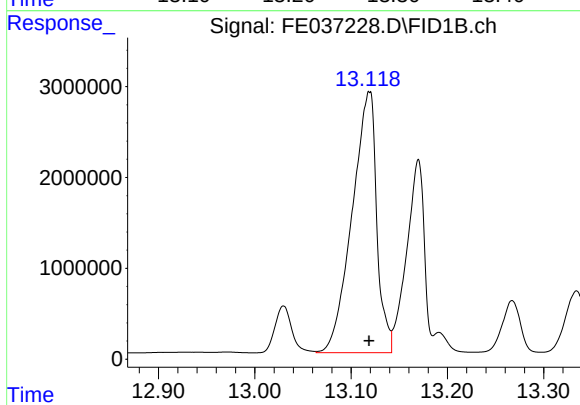
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: -0.014 min
Response: 7721418
Conc: 46.89 ug/ml



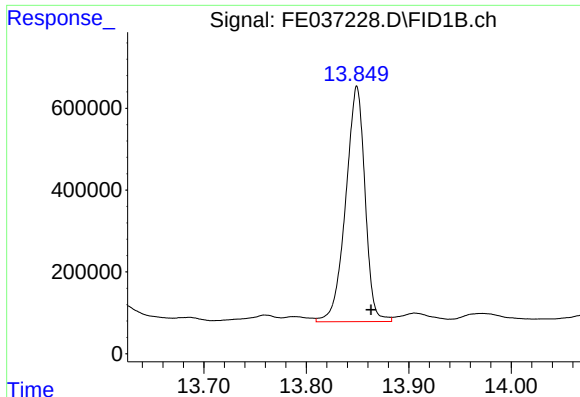
#11 n-Heneicosane (C21)

R.T.: 13.267 min
Delta R.T.: -0.013 min
Response: 7466328
Conc: 45.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.119 min
Delta R.T.: 0.000 min
Response: 51192639
Conc: 374.68 ug/ml



#13 n-Docosane (C22)

R.T.: 13.849 min
Delta R.T.: -0.014 min
Response: 7538791
Conc: 45.38 ug/ml

Instrument :

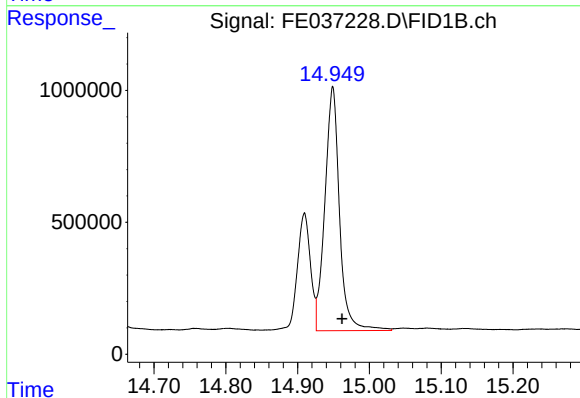
FID_E

ClientSampleId :

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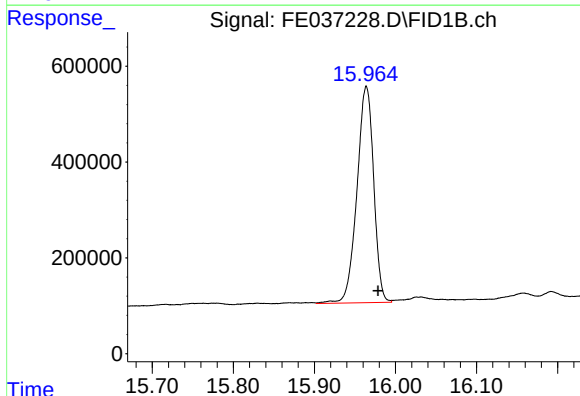
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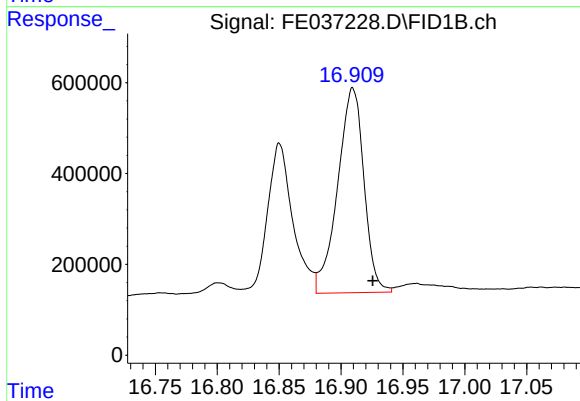
#14 n-Tetracosane (C24)

R.T.: 14.949 min
Delta R.T.: -0.013 min
Response: 13094039
Conc: 79.32 ug/ml



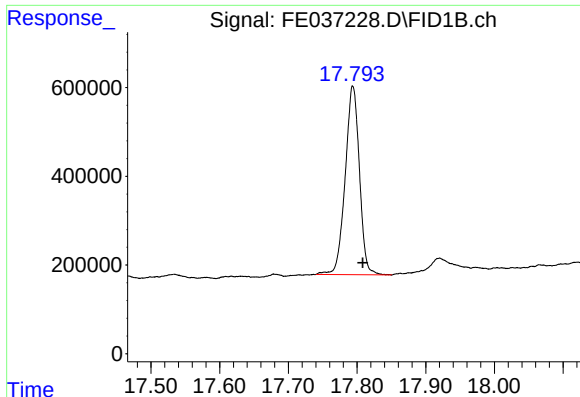
#15 n-Hexacosane (C26)

R.T.: 15.964 min
Delta R.T.: -0.014 min
Response: 6480275
Conc: 39.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.910 min
Delta R.T.: -0.016 min
Response: 6671336
Conc: 42.02 ug/ml



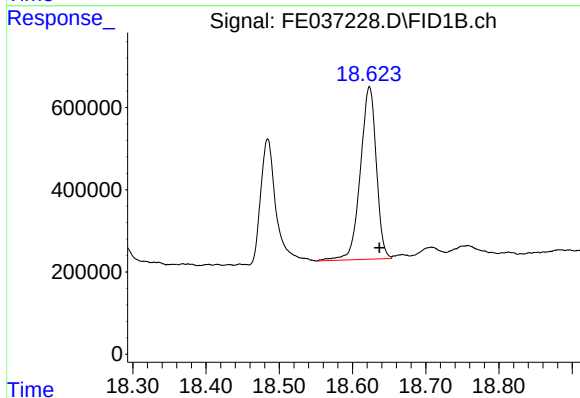
#17 n-Tricontane (C30)

R.T.: 17.794 min
Delta R.T.: -0.014 min
Response: 6134349
Conc: 39.50 ug/ml

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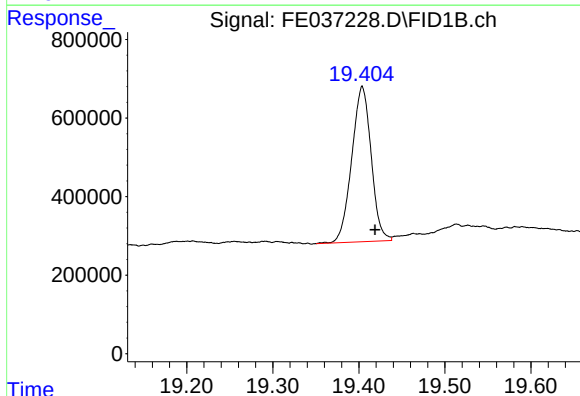
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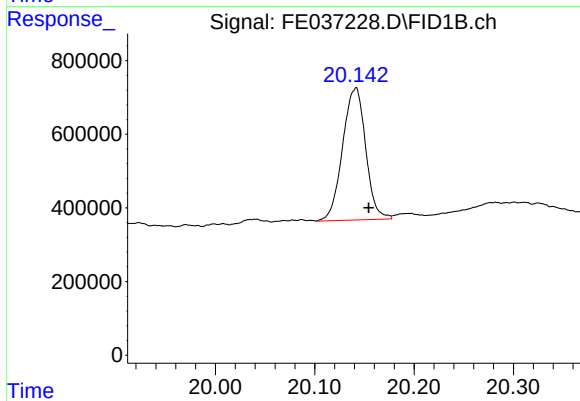
#18 n-Dotriacontane (C32)

R.T.: 18.623 min
Delta R.T.: -0.013 min
Response: 6352398
Conc: 42.59 ug/ml



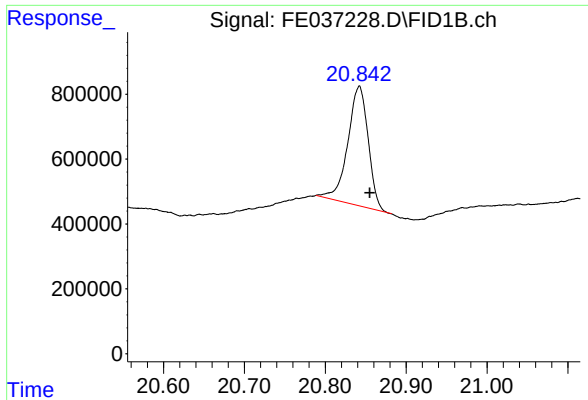
#19 n-Tetratriacontane (C34)

R.T.: 19.404 min
Delta R.T.: -0.015 min
Response: 6192562
Conc: 46.09 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.141 min
Delta R.T.: -0.013 min
Response: 5793604
Conc: 45.13 ug/ml



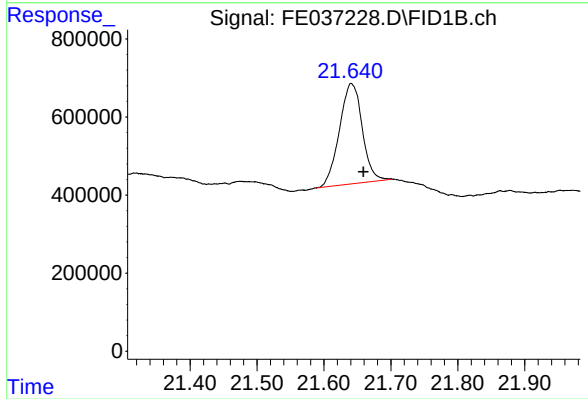
#21 n-Octatriacontane (C38)

R.T.: 20.842 min
Delta R.T.: -0.013 min
Response: 6445462
Conc: 53.69 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.640 min
Delta R.T.: -0.020 min
Response: 6093592
Conc: 50.45 ug/ml m