

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE053124AL\
 Data File : FE048480.D
 Signal(s) : FID1B.ch
 Acq On : 31 May 2024 18:10
 Operator : YP\AJ
 Sample : P2662-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WCS-TPRMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/03/2024
 Supervised By :Ankita Jodhani 06/03/2024

Integration File: autoint1.e
 Quant Time: Jun 01 02:36:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 2024
 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)	11.951	4174319	29.070 ug/ml
Spiked Amount 50.000		Recovery =	58.14%
12) S 1-chlorooctadecane (S...	13.385	3538376	32.480 ug/ml
Spiked Amount 50.000		Recovery =	64.96%
Target Compounds			
1) T n-Nonane (C9)	3.340	3644323	24.376 ug/ml
2) T n-Decane (C10)	4.589	4256655	28.189 ug/ml
3) T A~Naphthalene (C11.7)	6.293	4823819	32.397 ug/ml
4) T n-Dodecane (C12)	6.753	4516582	30.512 ug/ml
5) T A~2-methylnaphthalene...	7.389	4983084	35.939 ug/ml
6) T n-Tetradecane (C14)	8.582	4927977	34.745 ug/ml
7) T n-Hexadecane (C16)	10.188	5208251	36.943 ug/ml
8) T n-Octadecane (C18)	11.631	5278298	38.005 ug/ml
10) T n-Eicosane (C20)	12.940	5281289	39.908 ug/ml
11) T n-Heneicosane (C21)	13.551	5102117	39.390 ug/ml
13) T n-Docosane (C22)	14.138	5080006	39.422 ug/ml
14) T n-Tetracosane (C24)	15.235	9261261	71.488 ug/ml
15) T n-Hexacosane (C26)	16.260	5093419	39.299 ug/ml
16) T n-Octacosane (C28)	17.208	5237005	40.517 ug/ml
17) T n-Tricontane (C30)	18.096	5279142	39.408 ug/ml
18) T n-Dotriacontane (C32)	18.927	5428374	39.991 ug/ml
19) T n-Tetratriacontane (C34)	19.708	5553394	40.595 ug/mlm
20) T n-Hexatriacontane (C36)	20.448	5575744	41.018 ug/ml
21) T n-Octatriacontane (C38)	21.187	5940601	43.562 ug/ml
22) T n-Tetracontane (C40)	22.108	6076096	44.376 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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Misc :
ALS Vial : 13 Sample Multiplier: 1

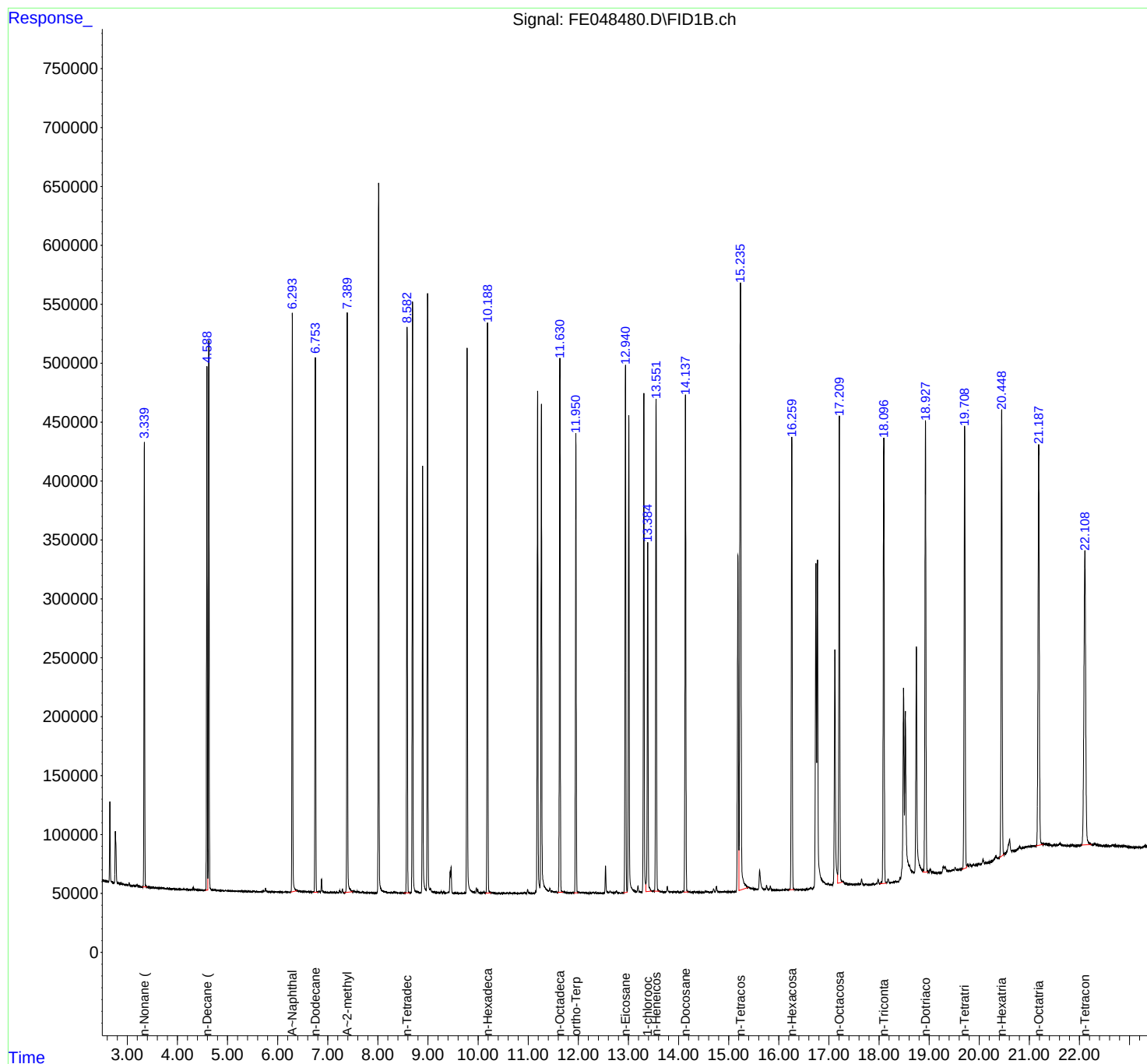
Instrument :
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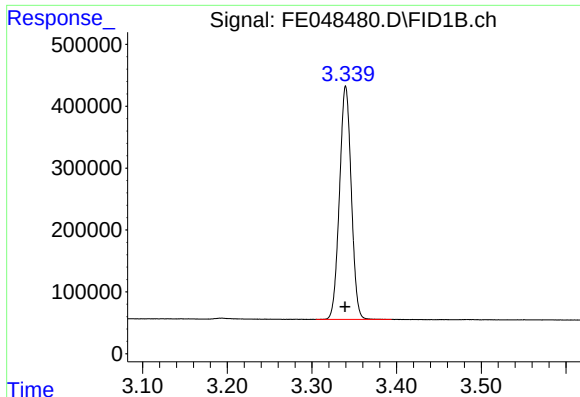
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#1 n-Nonane (C9)

R.T.: 3.340 min
Delta R.T.: 0.000 min
Response: 3644323
Conc: 24.38 ug/ml

Instrument :

FID_E

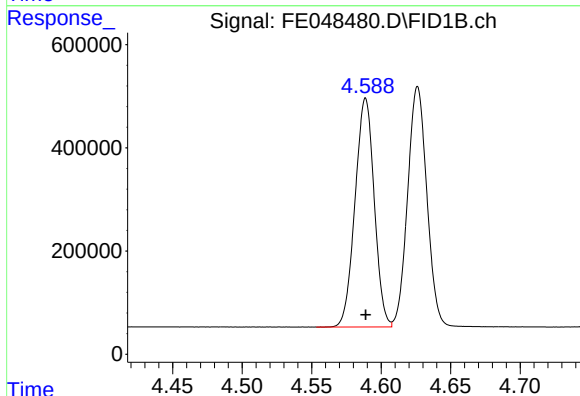
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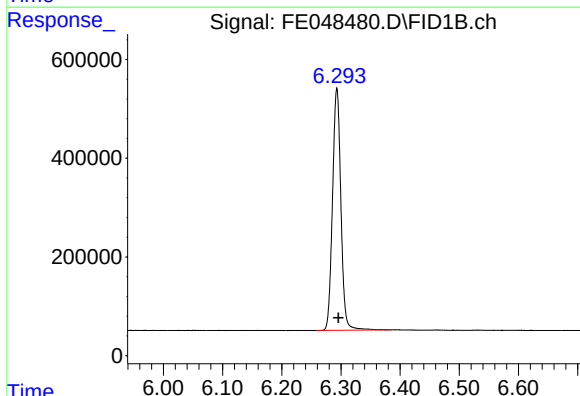
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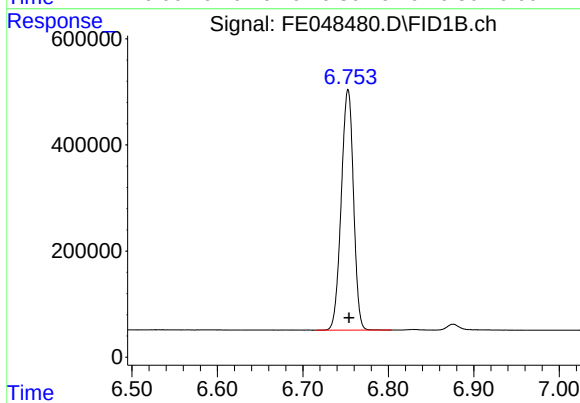
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: 0.000 min
Response: 4256655
Conc: 28.19 ug/ml



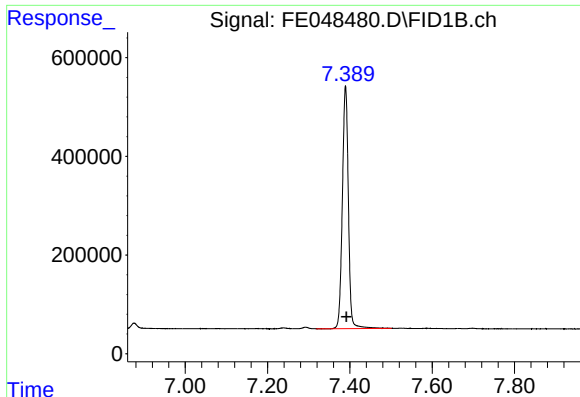
#3 A~Naphthalene (C11.7)

R.T.: 6.293 min
Delta R.T.: -0.003 min
Response: 4823819
Conc: 32.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 4516582
Conc: 30.51 ug/ml



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

R.T.: 7.389 min
Delta R.T.: -0.002 min
Response: 4983084
Conc: 35.94 ug/ml

Instrument :

FID_E

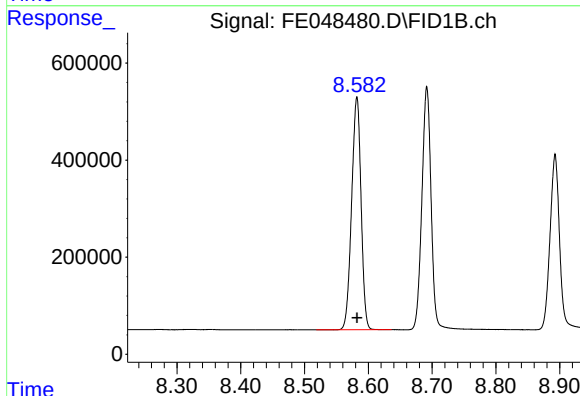
ClientSampleId :

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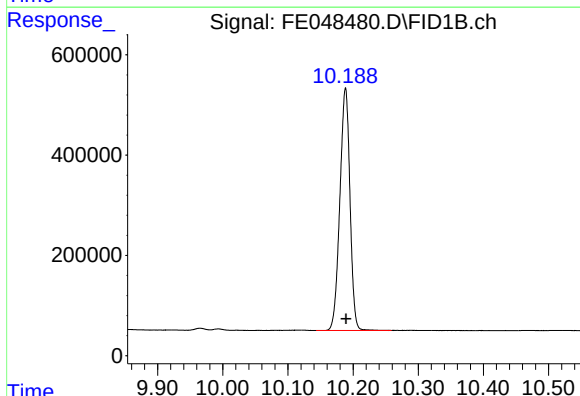
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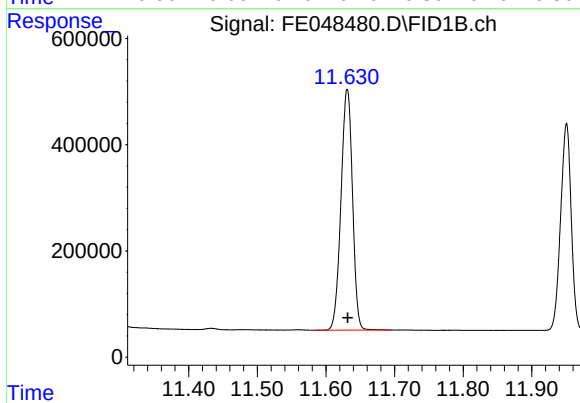
#6 n-Tetradecane (C14)

R.T.: 8.582 min
Delta R.T.: 0.000 min
Response: 4927977
Conc: 34.74 ug/ml



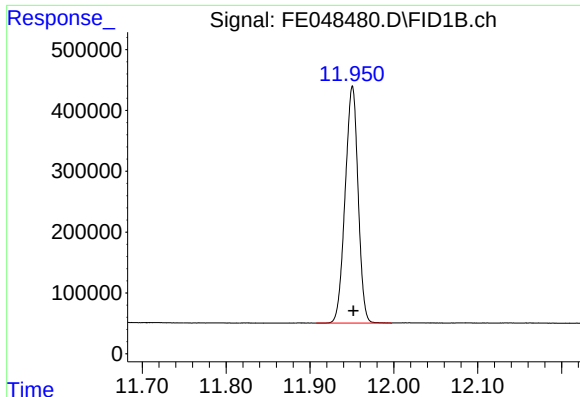
#7 n-Hexadecane (C16)

R.T.: 10.188 min
Delta R.T.: 0.000 min
Response: 5208251
Conc: 36.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.631 min
Delta R.T.: 0.000 min
Response: 5278298
Conc: 38.00 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.951 min
Delta R.T.: -0.001 min
Response: 4174319
Conc: 29.07 ug/ml

Instrument :

FID_E

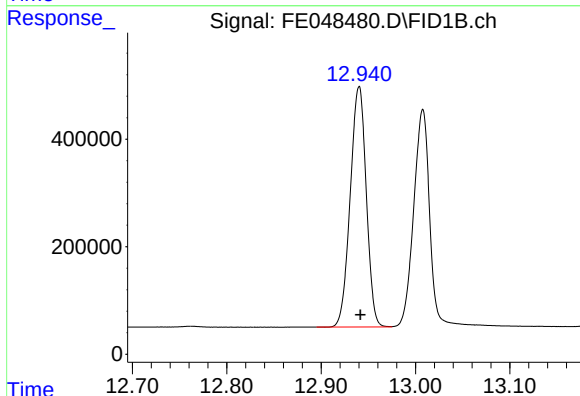
ClientSampleId :

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Manual Integrations

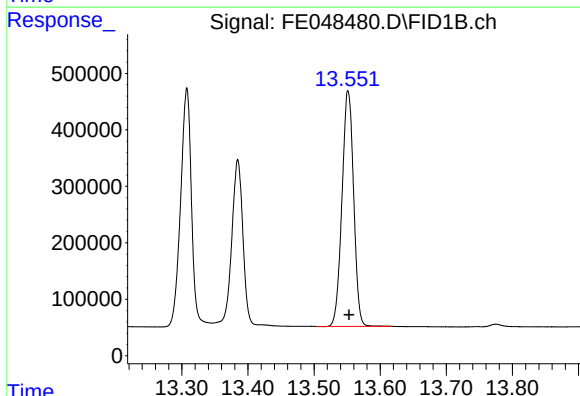
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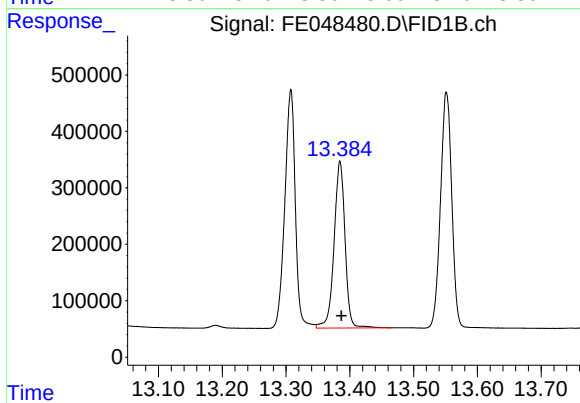
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: -0.001 min
Response: 5281289
Conc: 39.91 ug/ml



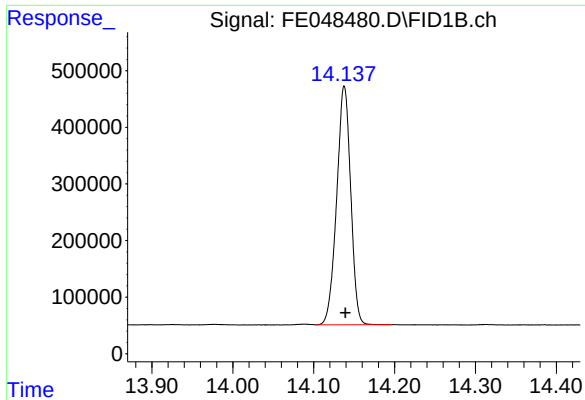
#11 n-Heneicosane (C21)

R.T.: 13.551 min
Delta R.T.: -0.001 min
Response: 5102117
Conc: 39.39 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.385 min
Delta R.T.: -0.002 min
Response: 3538376
Conc: 32.48 ug/ml



#13 n-Docosane (C22)

R.T.: 14.138 min
Delta R.T.: -0.002 min
Response: 5080006
Conc: 39.42 ug/ml

Instrument :

FID_E

ClientSampleId :

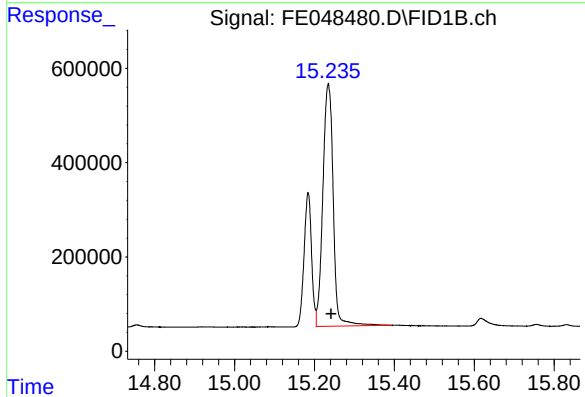
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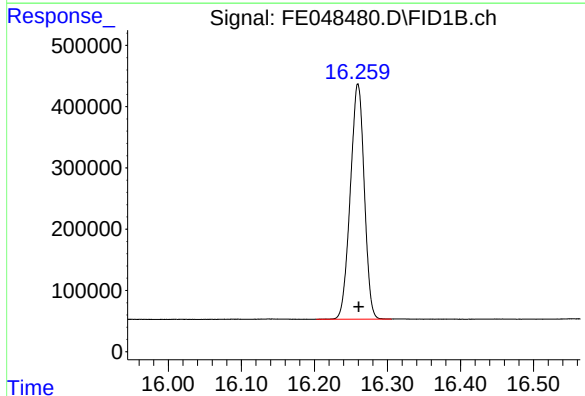
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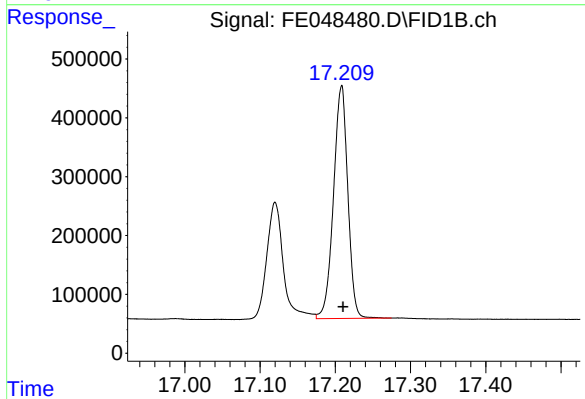
#14 n-Tetracosane (C24)

R.T.: 15.235 min
Delta R.T.: -0.007 min
Response: 9261261
Conc: 71.49 ug/ml



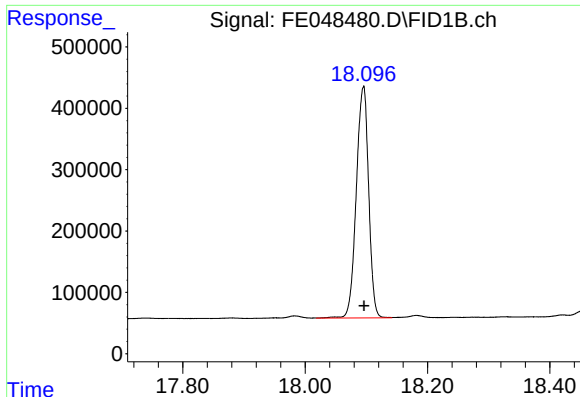
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: 0.000 min
Response: 5093419
Conc: 39.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: -0.002 min
Response: 5237005
Conc: 40.52 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.096 min
Delta R.T.: 0.000 min
Response: 5279142
Conc: 39.41 ug/ml

Instrument :

FID_E

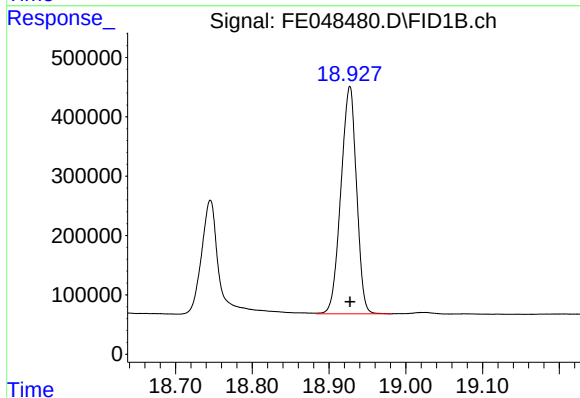
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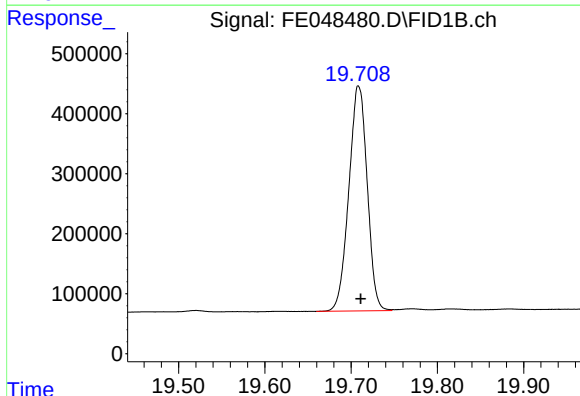
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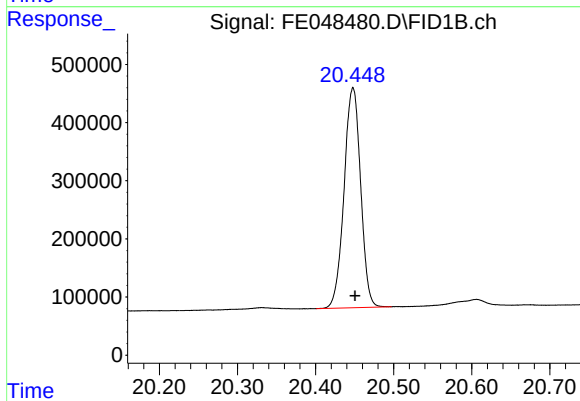
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: 0.000 min
Response: 5428374
Conc: 39.99 ug/ml



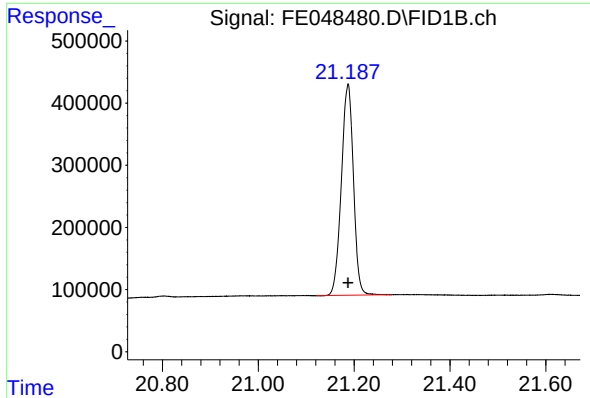
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: -0.003 min
Response: 5553394
Conc: 40.59 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.448 min
Delta R.T.: -0.002 min
Response: 5575744
Conc: 41.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.187 min
Delta R.T.: 0.000 min
Response: 5940601
Conc: 43.56 ug/ml

Instrument :

FID_E

ClientSampleId :

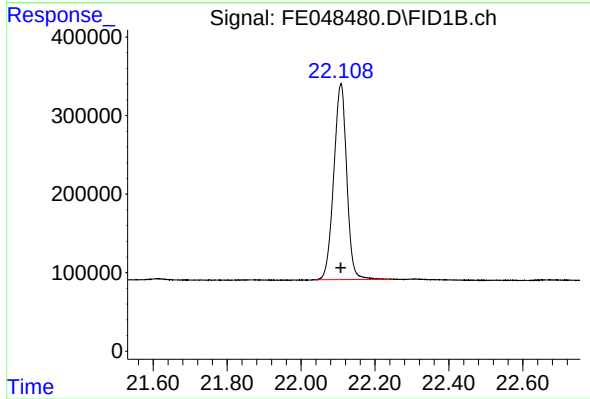
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#22 n-Tetracontane (C40)

R.T.: 22.108 min
Delta R.T.: 0.000 min
Response: 6076096
Conc: 44.38 ug/ml