

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080422AL\
 Data File : FE036876.D
 Signal(s) : FID1B.ch
 Acq On : 04 Aug 2022 19:27
 Operator : YP\AJ
 Sample : N4023-07MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP3-1-6MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2022
 Supervised By :Ankita Jodhani 08/05/2022

Integration File: autoint1.e
 Quant Time: Aug 05 04:17:01 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)	11.833	4919235	26.412 ug/ml
Spiked Amount 50.000		Recovery =	52.82%
12) S 1-chlorooctadecane (S...	13.272	3904689	25.664 ug/ml
Spiked Amount 50.000		Recovery =	51.33%
Target Compounds			
1) T n-Nonane (C9)	3.225	3437330	22.298 ug/ml
2) T n-Decane (C10)	4.480	3958839	25.682 ug/ml
3) T A~Naphthalene (C11.7)	6.179	4915909	28.767 ug/ml
4) T n-Dodecane (C12)	6.647	4532355	28.858 ug/ml
5) T A~2-methylnaphthalene...	7.275	5052085	29.395 ug/ml
6) T n-Tetradecane (C14)	8.474	4954918	30.350 ug/ml
7) T n-Hexadecane (C16)	10.080	5355659	32.493 ug/ml
8) T n-Octadecane (C18)	11.522	5663995	33.327 ug/ml
10) T n-Eicosane (C20)	12.831	5592733	32.879 ug/ml
11) T n-Heneicosane (C21)	13.441	5483556	32.039 ug/ml
13) T n-Docosane (C22)	14.028	5558664	32.557 ug/ml
14) T n-Tetracosane (C24)	15.131	4874672	28.597 ug/ml
15) T n-Hexacosane (C26)	16.153	5131562	30.693 ug/ml
16) T n-Octacosane (C28)	17.102	5256033	32.181 ug/ml
17) T n-Tricontane (C30)	17.990	4975916	32.745 ug/ml
18) T n-Dotriacontane (C32)	18.824	4784541	39.782 ug/ml
19) T n-Tetratriacontane (C34)	19.609	4807318	57.727 ug/ml
20) T n-Hexatriacontane (C36)	20.349	4637488	78.980 ug/ml
21) T n-Octatriacontane (C38)	21.070	4618985	92.126 ug/ml
22) T n-Tetracontane (C40)	21.950	4574672	88.584 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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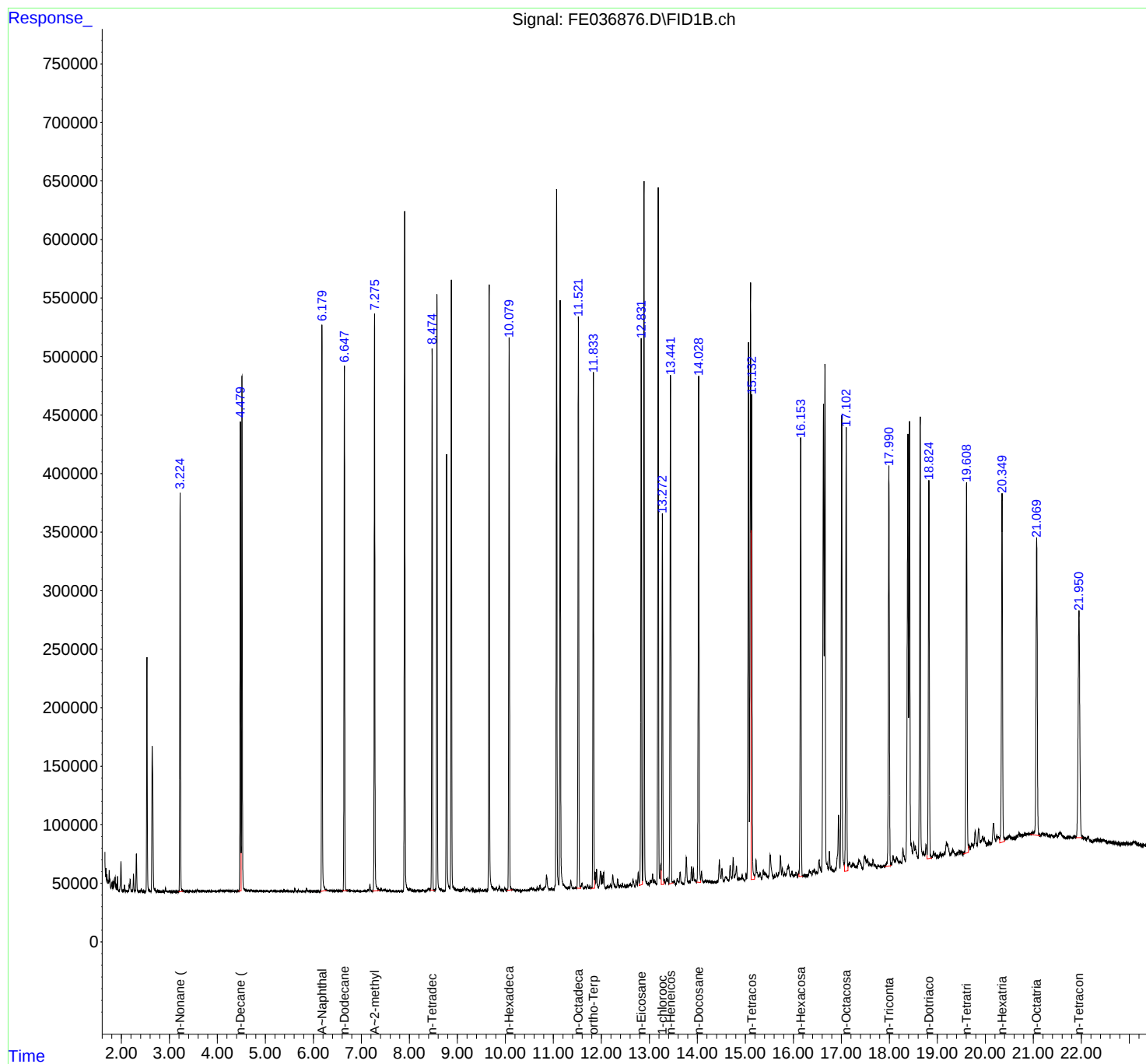
Instrument :
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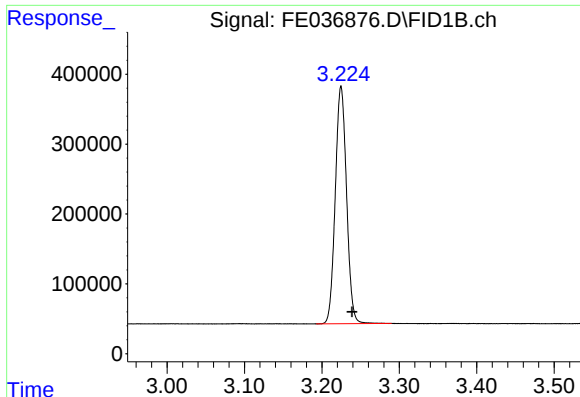
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#1 n-Nonane (C9)

R.T.: 3.225 min
Delta R.T.: -0.014 min
Response: 3437330
Conc: 22.30 ug/ml

Instrument :

FID_E

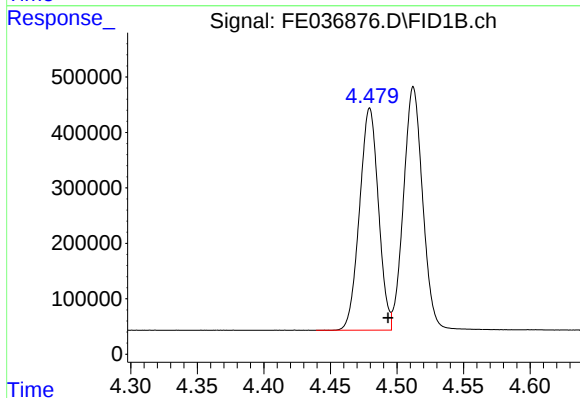
ClientSampleId :

TP3-1-6MS

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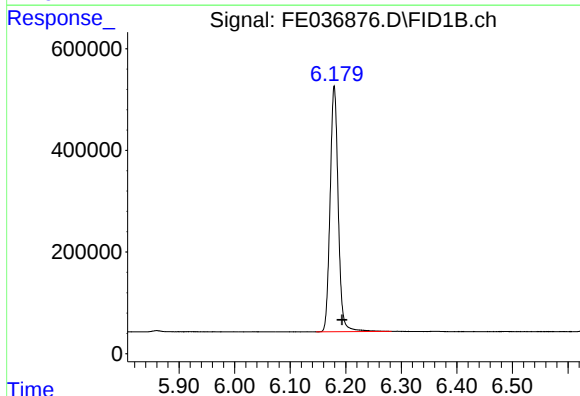
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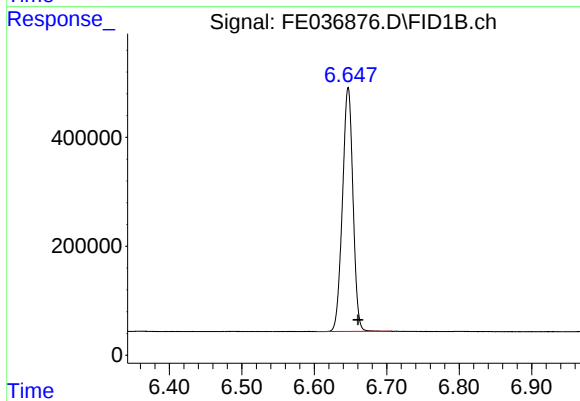
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.014 min
Response: 3958839
Conc: 25.68 ug/ml



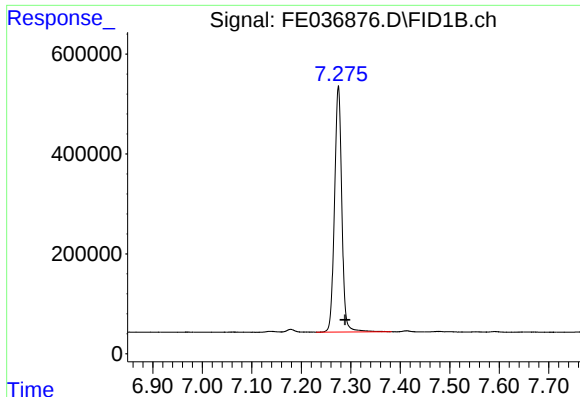
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: -0.014 min
Response: 4915909
Conc: 28.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.647 min
Delta R.T.: -0.014 min
Response: 4532355
Conc: 28.86 ug/ml



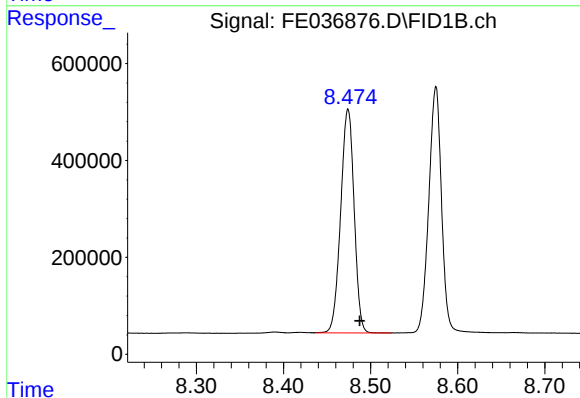
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: -0.013 min
Response: 5052085
Conc: 29.40 ug/ml

Instrument :
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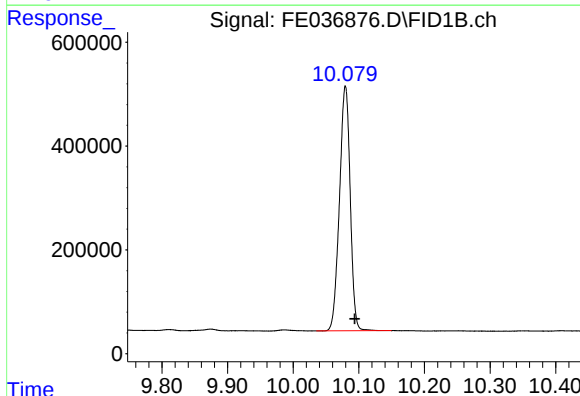
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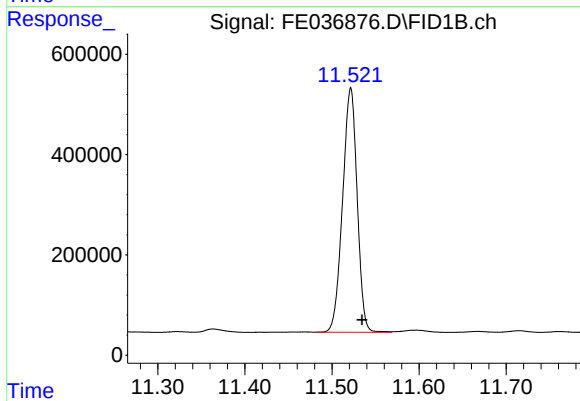
#6 n-Tetradecane (C14)

R.T.: 8.474 min
Delta R.T.: -0.013 min
Response: 4954918
Conc: 30.35 ug/ml



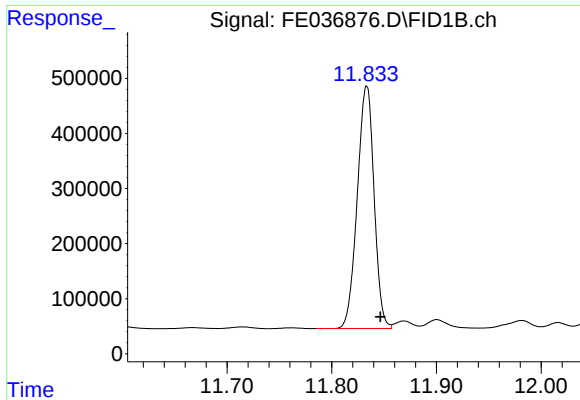
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.014 min
Response: 5355659
Conc: 32.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.522 min
Delta R.T.: -0.013 min
Response: 5663995
Conc: 33.33 ug/ml



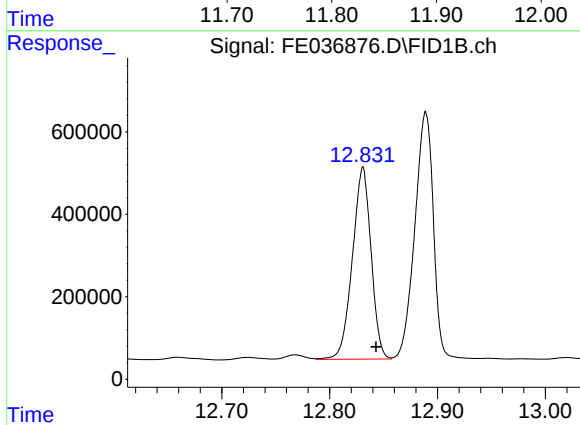
#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.013 min
Response: 4919235
Conc: 26.41 ug/ml

Instrument :
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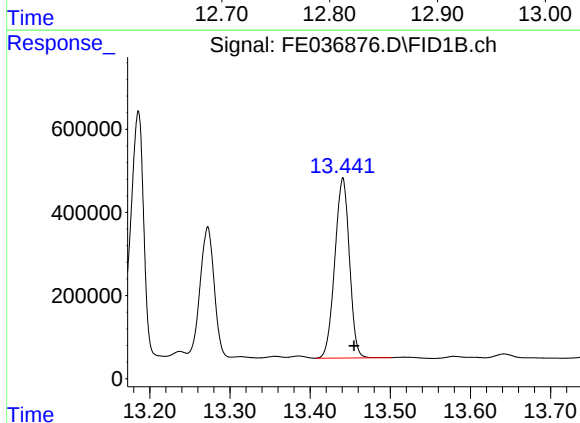
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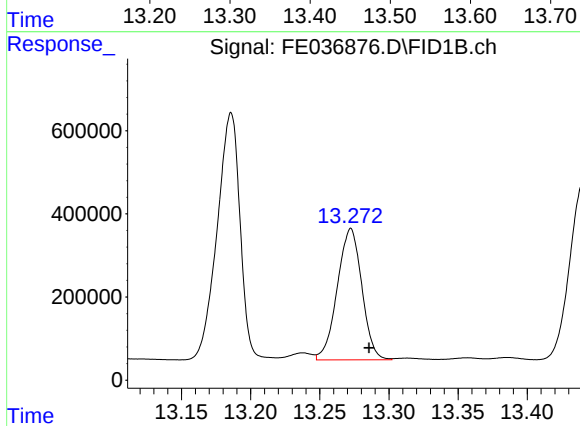
#10 n-Eicosane (C20)

R.T.: 12.831 min
Delta R.T.: -0.012 min
Response: 5592733
Conc: 32.88 ug/ml



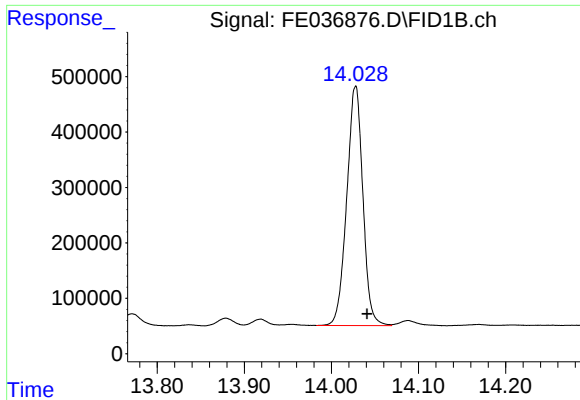
#11 n-Heneicosane (C21)

R.T.: 13.441 min
Delta R.T.: -0.014 min
Response: 5483556
Conc: 32.04 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.272 min
Delta R.T.: -0.013 min
Response: 3904689
Conc: 25.66 ug/ml



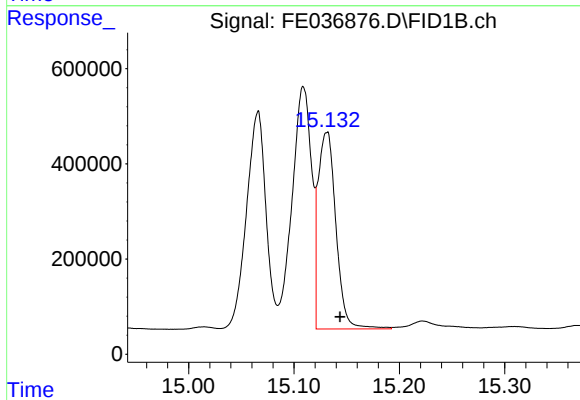
#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.013 min
Response: 5558664
Conc: 32.56 ug/ml

Instrument :
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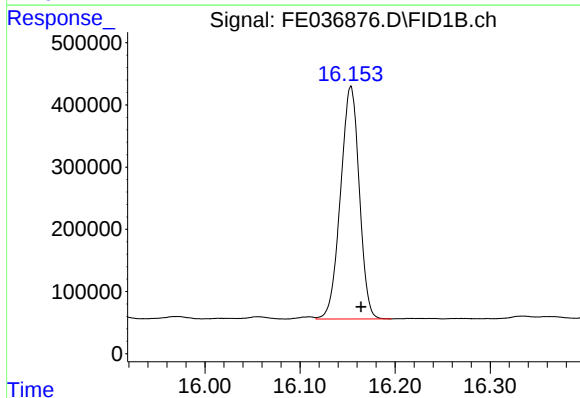
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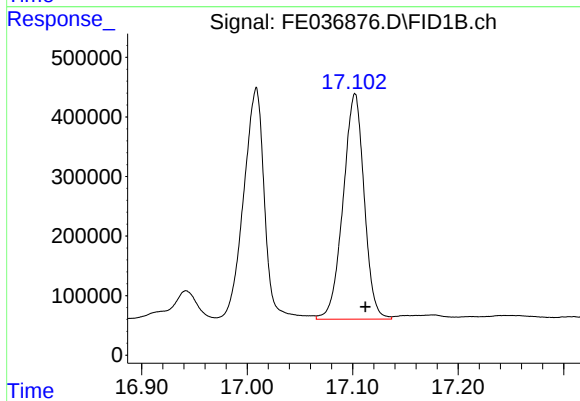
#14 n-Tetracosane (C24)

R.T.: 15.131 min
Delta R.T.: -0.013 min
Response: 4874672
Conc: 28.60 ug/ml



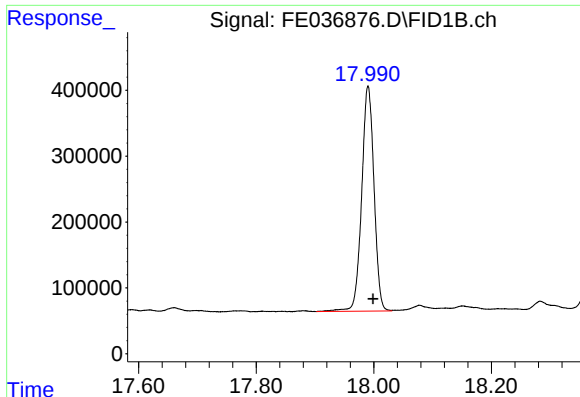
#15 n-Hexacosane (C26)

R.T.: 16.153 min
Delta R.T.: -0.011 min
Response: 5131562
Conc: 30.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.102 min
Delta R.T.: -0.010 min
Response: 5256033
Conc: 32.18 ug/ml



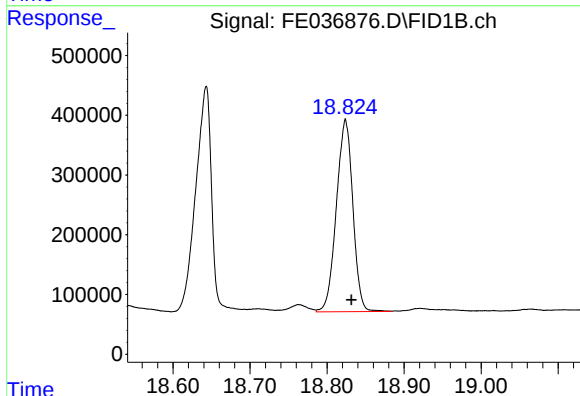
#17 n-Tricontane (C30)

R.T.: 17.990 min
Delta R.T.: -0.009 min
Response: 4975916
Conc: 32.74 ug/ml

Instrument :
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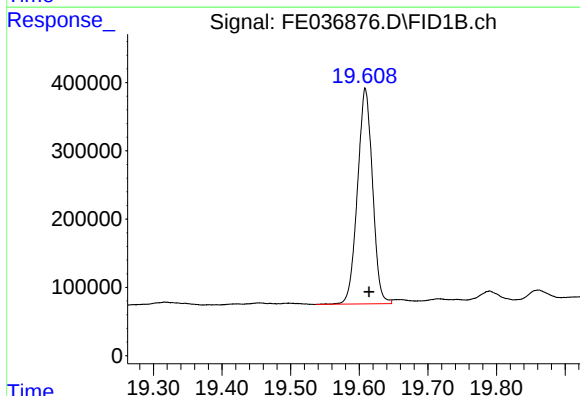
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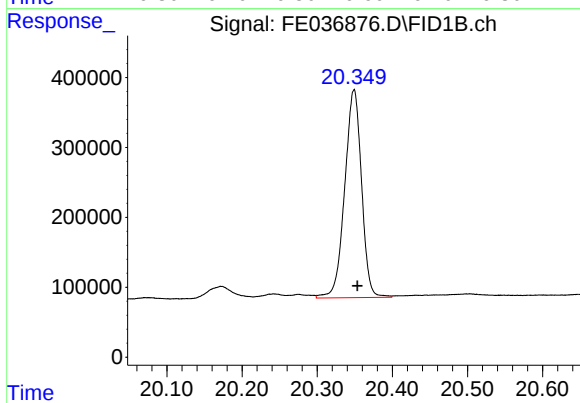
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.008 min
Response: 4784541
Conc: 39.78 ug/ml



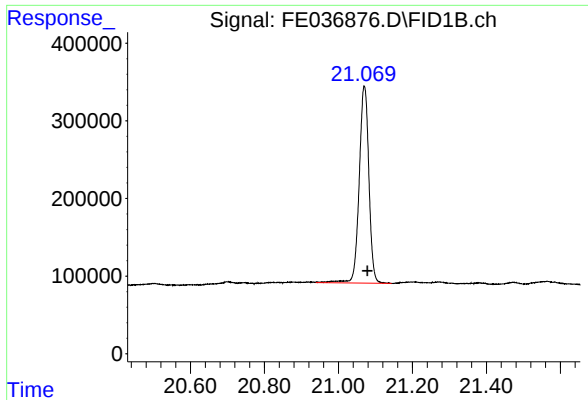
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.006 min
Response: 4807318
Conc: 57.73 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.005 min
Response: 4637488
Conc: 78.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.070 min
Delta R.T.: -0.008 min
Response: 4618985
Conc: 92.13 ug/ml

Instrument :

FID_E

ClientSampleId :

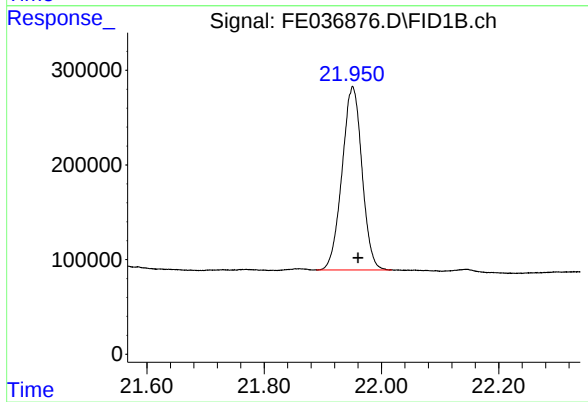
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#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: -0.010 min
Response: 4574672
Conc: 88.58 ug/ml m