

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102822AL\
 Data File : FE038413.D
 Signal(s) : FID1B.ch
 Acq On : 29 Oct 2022 03:22
 Operator : YP\AJ
 Sample : N5330-02MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-5-102722-EPH-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: autoint1.e
 Quant Time: Oct 29 05:41:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 Qlast Update : Wed Oct 26 04:49:29 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)	11.972	3954092	22.979 ug/ml
Spiked Amount 50.000		Recovery =	45.96%
12) S 1-chlorooctadecane (S...	13.405	3196436	23.348 ug/ml
Spiked Amount 50.000		Recovery =	46.70%
Target Compounds			
1) T n-Nonane (C9)	3.374	4200459	27.274 ug/ml
2) T n-Decane (C10)	4.620	4779327	30.790 ug/ml
3) T A~Naphthalene (C11.7)	6.321	5485109	32.389 ug/ml
4) T n-Dodecane (C12)	6.780	5366499	34.353 ug/ml
5) T A~2-methylnaphthalene...	7.415	5537868	33.045 ug/ml
6) T n-Tetradecane (C14)	8.607	5670679	36.260 ug/ml
7) T n-Hexadecane (C16)	10.212	5979414	37.847 ug/ml
8) T n-Octadecane (C18)	11.654	6285207	39.239 ug/ml
10) T n-Eicosane (C20)	12.962	6173237	38.313 ug/ml
11) T n-Heneicosane (C21)	13.574	6141899	38.022 ug/ml
13) T n-Docosane (C22)	14.159	6061816	37.548 ug/ml
14) T n-Tetracosane (C24)	15.248	11355430	70.795 ug/ml
15) T n-Hexacosane (C26)	16.280	5774604	36.356 ug/ml
16) T n-Octacosane (C28)	17.227	5711715	36.406 ug/ml
17) T n-Tricontane (C30)	18.114	5465820	34.256 ug/ml
18) T n-Dotriacontane (C32)	18.944	5550644	35.204 ug/ml
19) T n-Tetratriacontane (C34)	19.724	5375175	36.460 ug/mlm
20) T n-Hexatriacontane (C36)	20.465	5058141	35.400 ug/ml
21) T n-Octatriacontane (C38)	21.208	4974788	36.833 ug/mlm
22) T n-Tetracontane (C40)	22.138	5281799	41.843 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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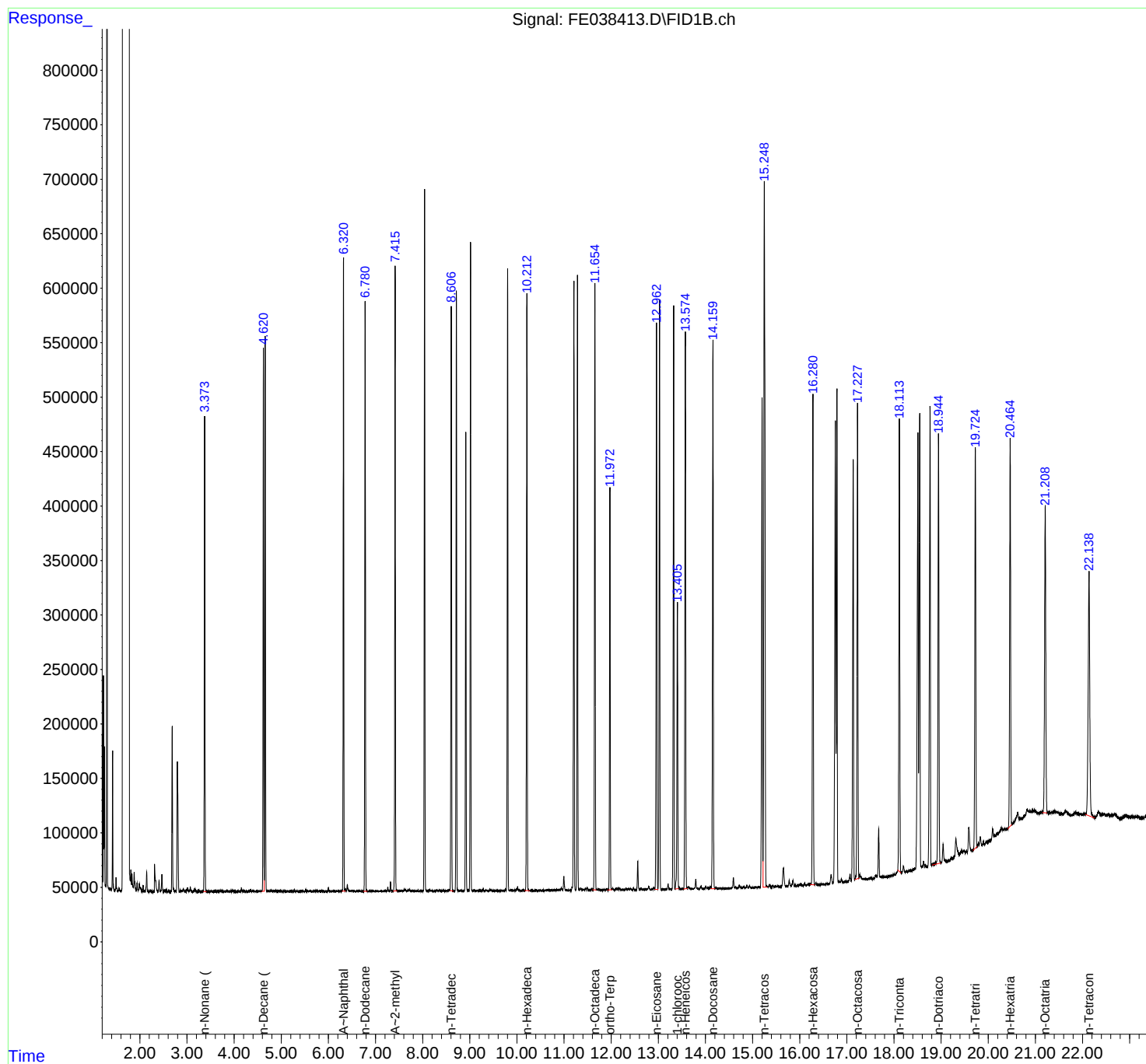
Instrument :
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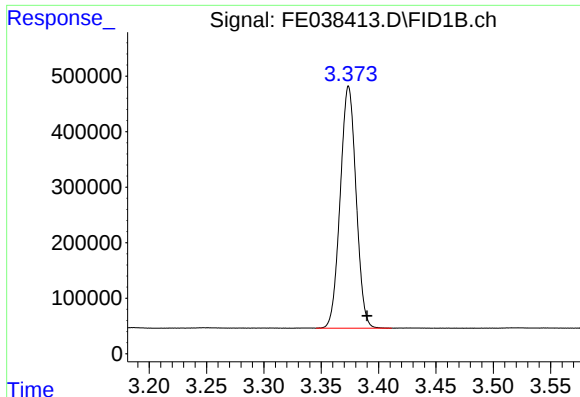
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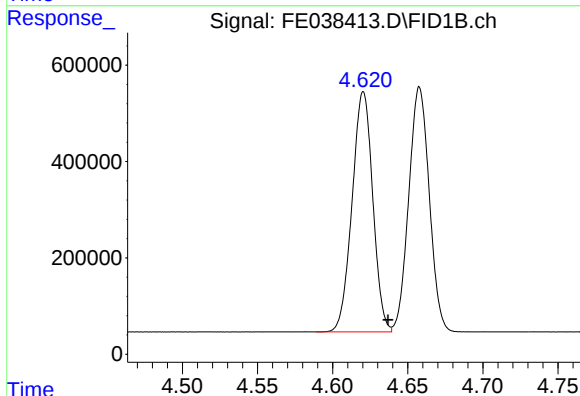
#1 n-Nonane (C9)

R.T.: 3.374 min
Delta R.T.: -0.016 min
Response: 4200459
Conc: 27.27 ug/ml

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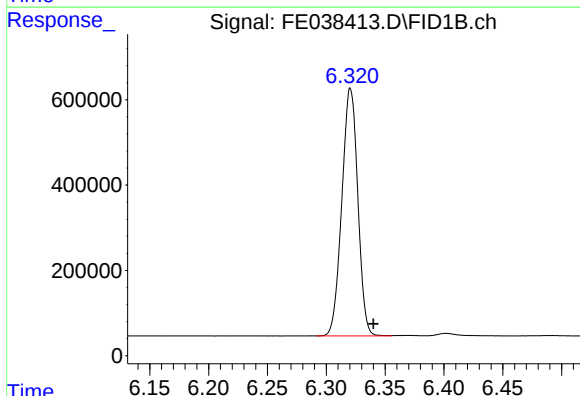
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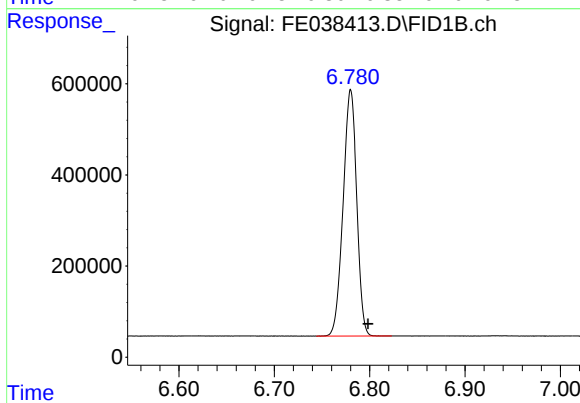
#2 n-Decane (C10)

R.T.: 4.620 min
Delta R.T.: -0.016 min
Response: 4779327
Conc: 30.79 ug/ml



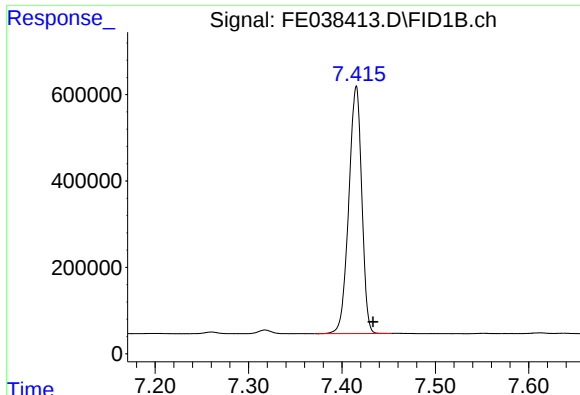
#3 A~Naphthalene (C11.7)

R.T.: 6.321 min
Delta R.T.: -0.019 min
Response: 5485109
Conc: 32.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.780 min
Delta R.T.: -0.018 min
Response: 5366499
Conc: 34.35 ug/ml



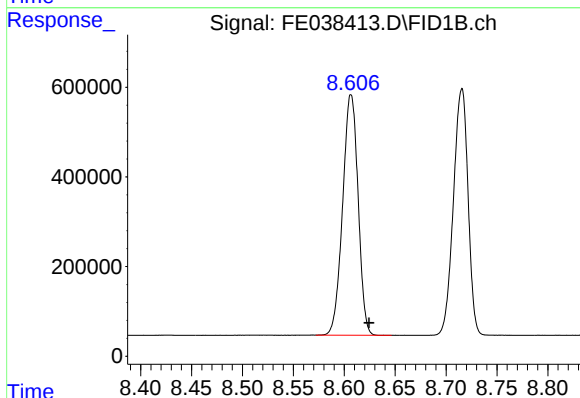
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.415 min
Delta R.T.: -0.018 min
Response: 5537868
Conc: 33.05 ug/ml

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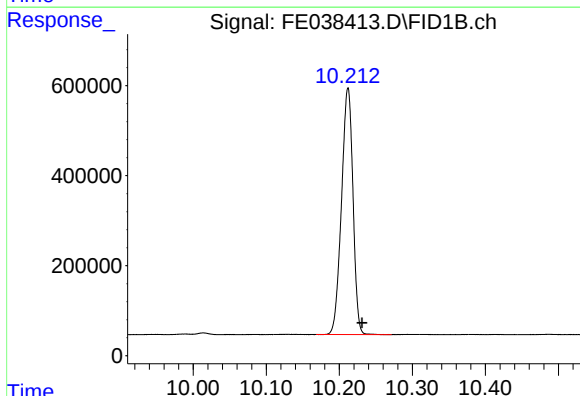
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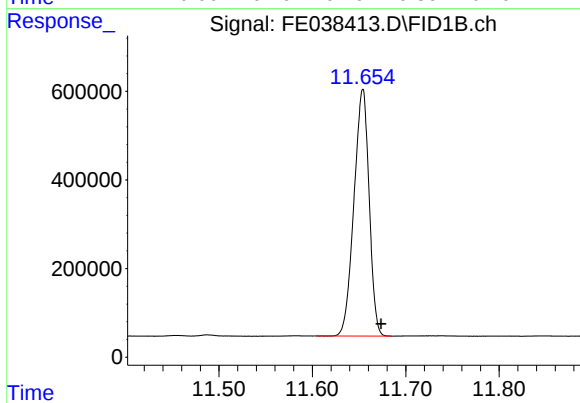
#6 n-Tetradecane (C14)

R.T.: 8.607 min
Delta R.T.: -0.018 min
Response: 5670679
Conc: 36.26 ug/ml



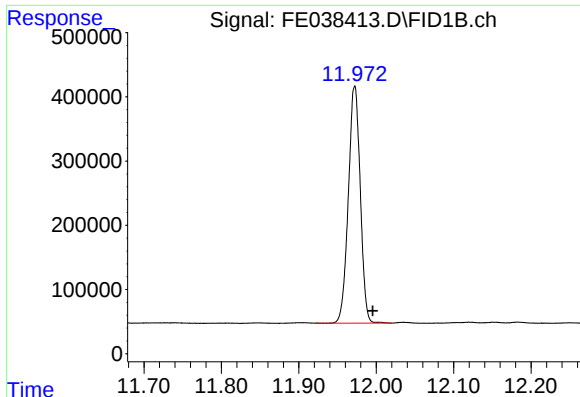
#7 n-Hexadecane (C16)

R.T.: 10.212 min
Delta R.T.: -0.019 min
Response: 5979414
Conc: 37.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.654 min
Delta R.T.: -0.019 min
Response: 6285207
Conc: 39.24 ug/ml



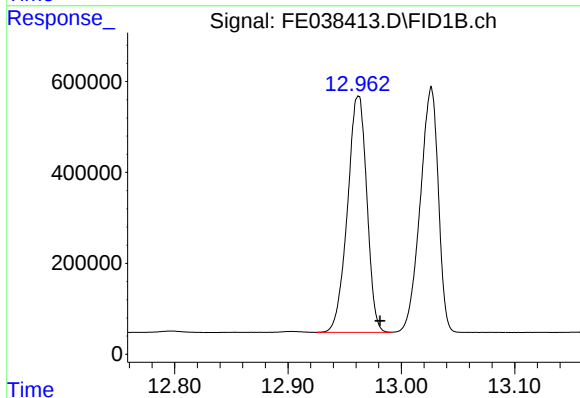
#9 ortho-Terphenyl (SURR)

R.T.: 11.972 min
Delta R.T.: -0.023 min
Response: 3954092
Conc: 22.98 ug/ml

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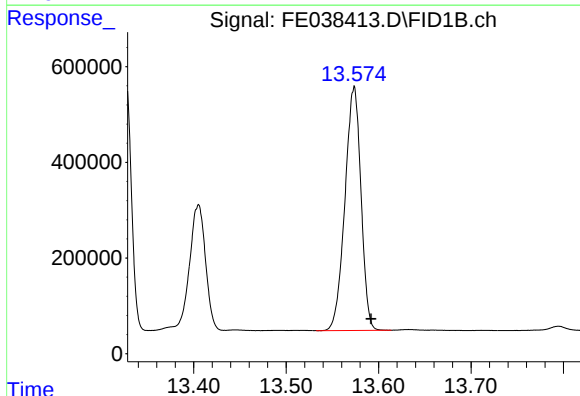
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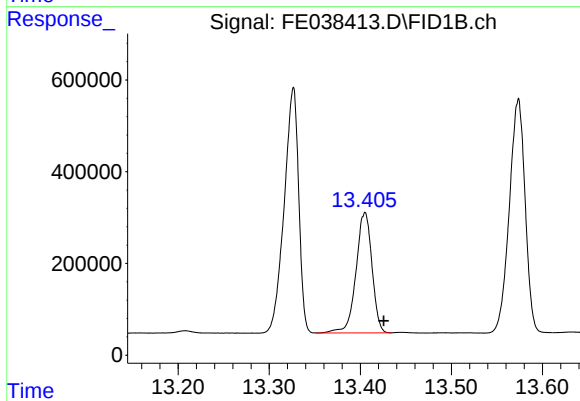
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.019 min
Response: 6173237
Conc: 38.31 ug/ml



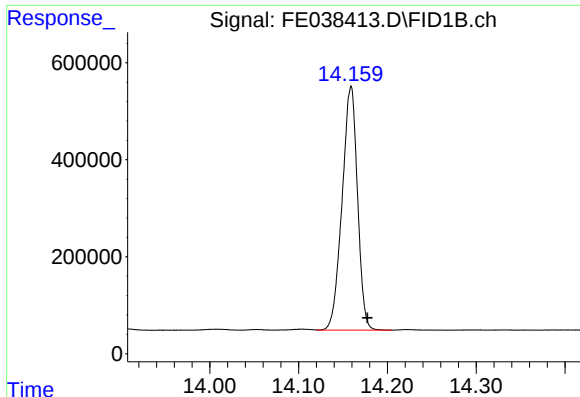
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.018 min
Response: 6141899
Conc: 38.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.405 min
Delta R.T.: -0.021 min
Response: 3196436
Conc: 23.35 ug/ml



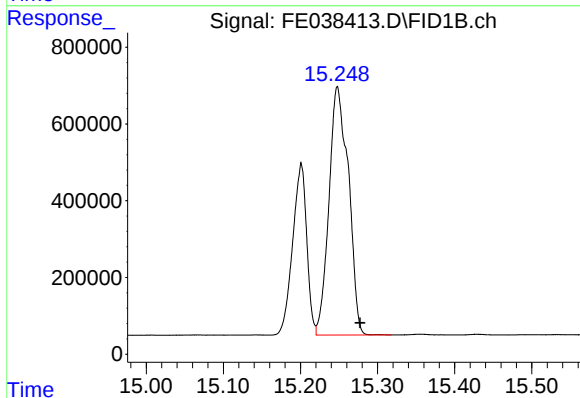
#13 n-Docosane (C22)

R.T.: 14.159 min
Delta R.T.: -0.018 min
Response: 6061816
Conc: 37.55 ug/ml

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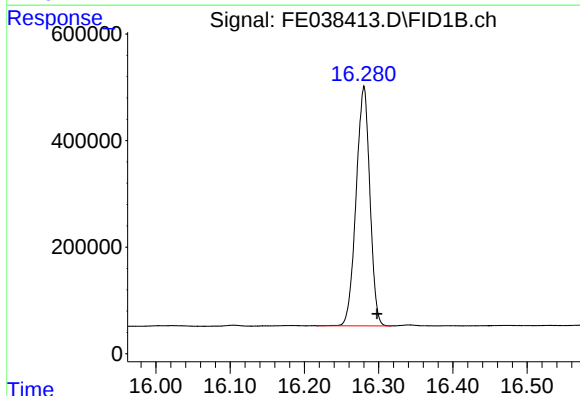
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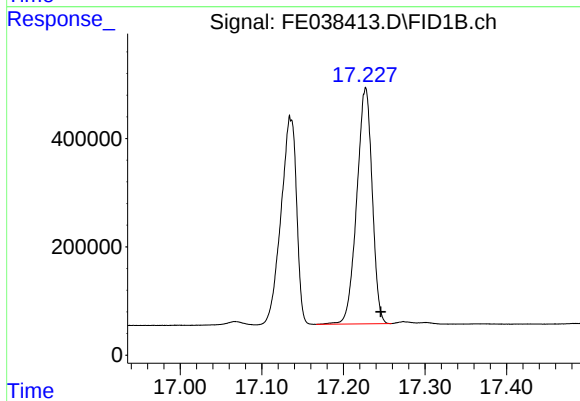
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.029 min
Response: 11355430
Conc: 70.80 ug/ml



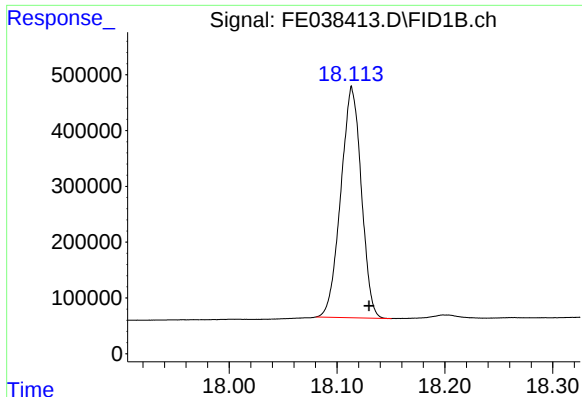
#15 n-Hexacosane (C26)

R.T.: 16.280 min
Delta R.T.: -0.018 min
Response: 5774604
Conc: 36.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.227 min
Delta R.T.: -0.019 min
Response: 5711715
Conc: 36.41 ug/ml



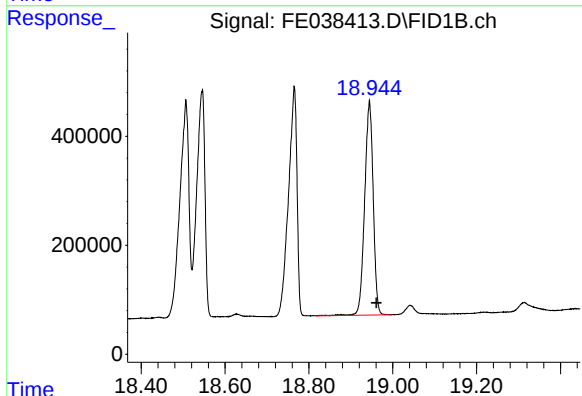
#17 n-Tricontane (C30)

R.T.: 18.114 min
Delta R.T.: -0.016 min
Response: 5465820
Conc: 34.26 ug/ml

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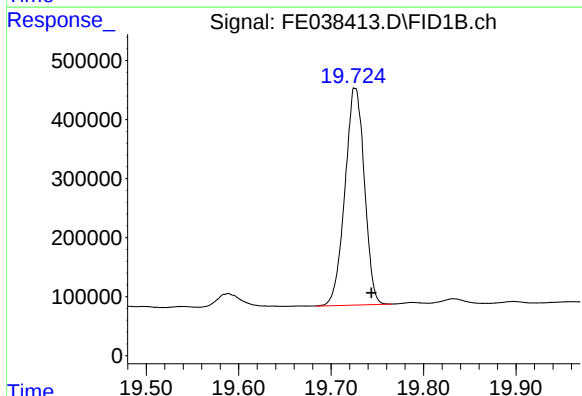
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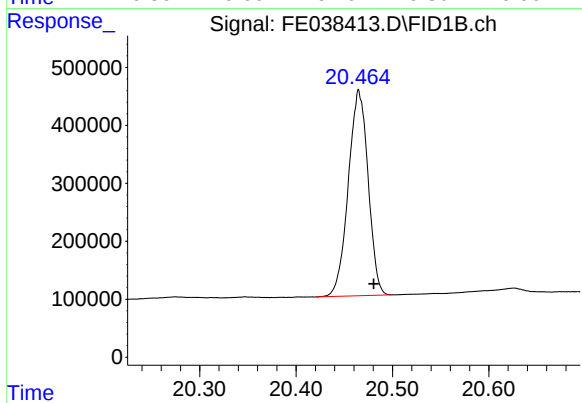
#18 n-Dotriacontane (C32)

R.T.: 18.944 min
Delta R.T.: -0.017 min
Response: 5550644
Conc: 35.20 ug/ml



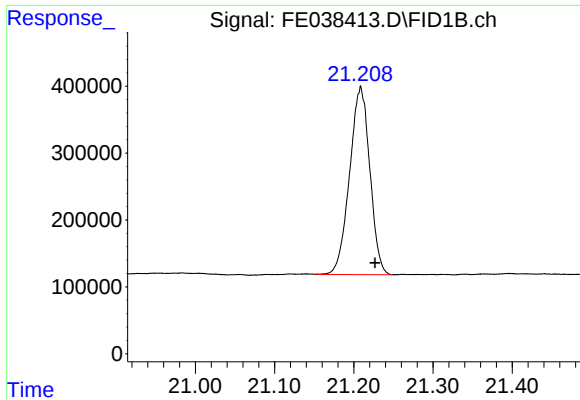
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: -0.019 min
Response: 5375175
Conc: 36.46 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: -0.016 min
Response: 5058141
Conc: 35.40 ug/ml



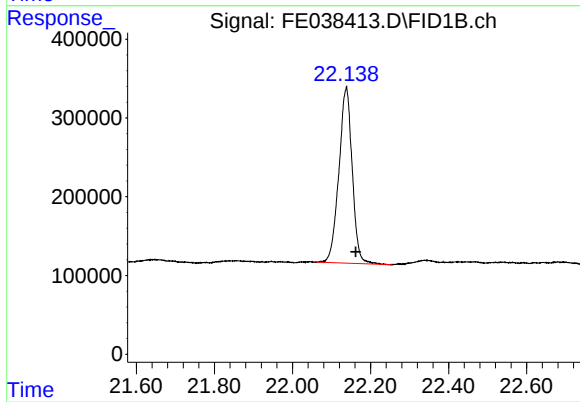
#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: -0.019 min
Response: 4974788
Conc: 36.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: -0.024 min
Response: 5281799
Conc: 41.84 ug/ml